

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: P1444487

Luminaire Tested: EHBR1-54-UNV-TA-L830-UPL36

Issue Date: 5/1/2026

Test Information

Test Method: LM-79-2019
Report Number: P1444487
REPORT IS A COMBINATION OF REPORTS P1444352 AND P1431635
Test Lab: INNOVATION CENTER
Issue Date: 5/1/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: METALUX
Catalog Number: EHBR1-54-UNV-TA-L830-UPL36
Description: Elevate Round Highbay at, 54000 lumens, 3000K 80CRI LEDs with TA lens
Light Source: -
Ballast/Driver: -

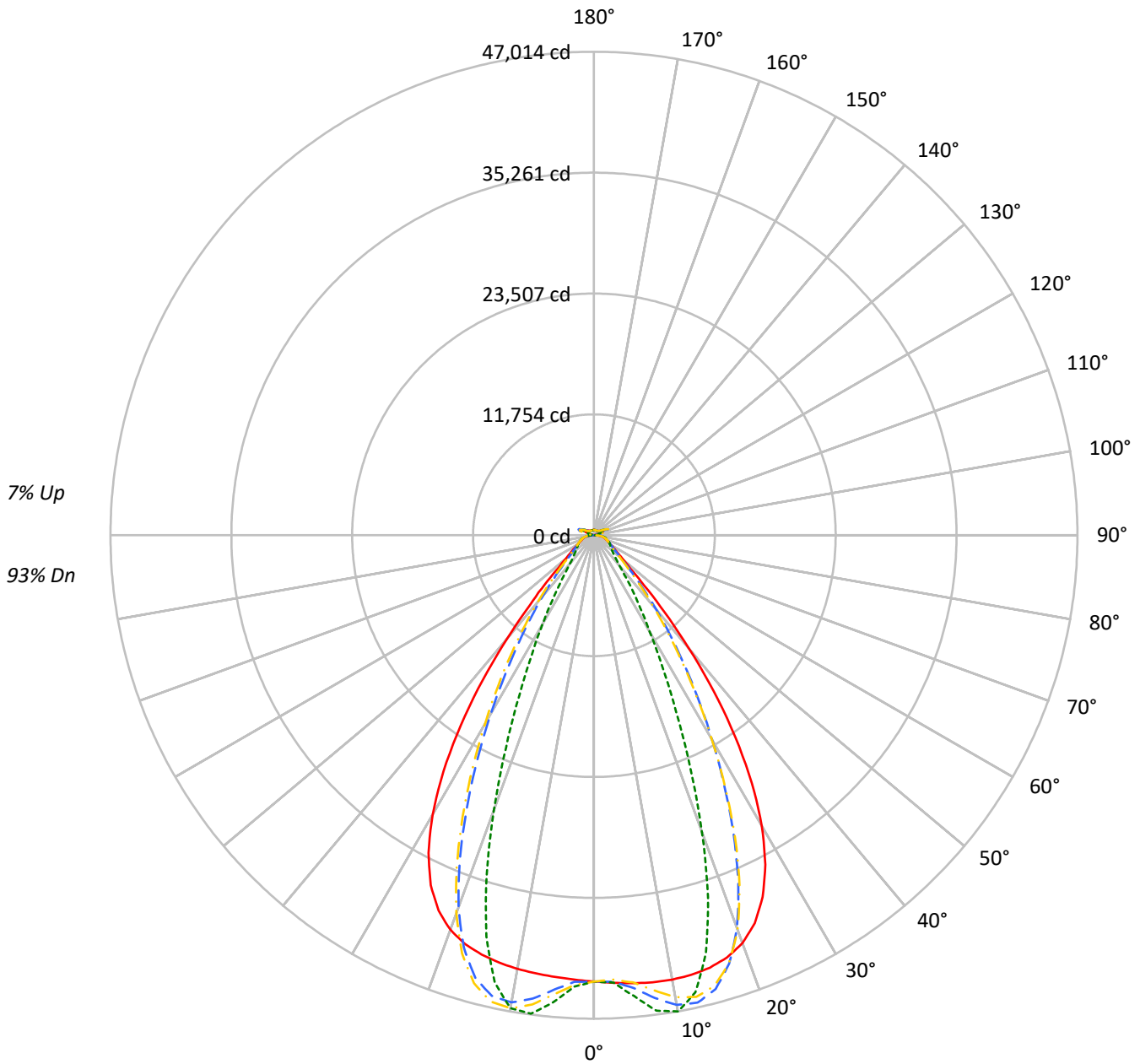
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 53693.1 lumens
Efficiency: N/A
Efficacy: 165.5 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): 324.4
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: P1444487
CATALOG NUMBER: EHBR1-54-UNV-TA-L830-UPL36

Luminous Intensity Polar Plot



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



TEST NUMBER: P1444487
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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 | 114 | 114 | 114 | 114 | 107 | 107 | 107 | 101 | 101 | 101 | 96 | 96 | 96 | 96 | 96 | 96 | 93 |
| 1 | 110 | 107 | 104 | 101 | 107 | 104 | 101 | 99 | 99 | 96 | 94 | 94 | 92 | 90 | 89 | 88 | 86 | 86 | 86 | 86 | 84 |
| 2 | 103 | 97 | 93 | 88 | 100 | 95 | 91 | 87 | 91 | 87 | 84 | 87 | 84 | 81 | 83 | 80 | 78 | 78 | 78 | 78 | 76 |
| 3 | 97 | 89 | 84 | 79 | 94 | 87 | 82 | 78 | 84 | 79 | 76 | 80 | 77 | 74 | 77 | 74 | 71 | 71 | 71 | 71 | 69 |
| 4 | 91 | 82 | 76 | 71 | 89 | 81 | 75 | 70 | 78 | 73 | 69 | 75 | 71 | 67 | 72 | 69 | 66 | 66 | 66 | 66 | 64 |
| 5 | 86 | 76 | 70 | 65 | 84 | 75 | 69 | 64 | 72 | 67 | 63 | 70 | 65 | 62 | 67 | 64 | 60 | 60 | 60 | 60 | 59 |
| 6 | 81 | 71 | 64 | 59 | 79 | 70 | 63 | 59 | 67 | 62 | 58 | 65 | 61 | 57 | 63 | 59 | 56 | 56 | 56 | 56 | 54 |
| 7 | 77 | 66 | 59 | 55 | 75 | 65 | 59 | 54 | 63 | 58 | 53 | 61 | 56 | 53 | 60 | 55 | 52 | 52 | 52 | 52 | 50 |
| 8 | 72 | 62 | 55 | 51 | 71 | 61 | 55 | 50 | 59 | 54 | 50 | 58 | 53 | 49 | 56 | 52 | 48 | 48 | 48 | 48 | 47 |
| 9 | 69 | 58 | 52 | 47 | 67 | 57 | 51 | 47 | 56 | 50 | 46 | 54 | 49 | 46 | 53 | 49 | 45 | 45 | 45 | 45 | 44 |
| 10 | 65 | 55 | 48 | 44 | 64 | 54 | 48 | 44 | 53 | 47 | 43 | 51 | 46 | 43 | 50 | 46 | 42 | 42 | 42 | 42 | 41 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|--------|--------|--------|--------|
| 0° | 203801 | 203801 | 203801 | 203801 |
| 5° | 204788 | 210759 | 201921 | 213520 |
| 10° | 206497 | 221281 | 201545 | 219817 |
| 15° | 207510 | 200589 | 201192 | 192513 |
| 20° | 205365 | 149432 | 198643 | 138260 |
| 25° | 194386 | 94507 | 187961 | 85748 |
| 30° | 169810 | 56792 | 163233 | 51902 |
| 35° | 130687 | 35637 | 123170 | 31568 |
| 40° | 82671 | 22354 | 75638 | 21006 |
| 45° | 42611 | 17415 | 41905 | 17129 |
| 50° | 24982 | 15491 | 24216 | 15249 |
| 55° | 19139 | 14656 | 18431 | 14523 |
| 60° | 16194 | 14971 | 15505 | 14778 |
| 65° | 15210 | 15634 | 14628 | 15101 |
| 70° | 14860 | 16370 | 14119 | 15755 |
| 75° | 15889 | 17361 | 15030 | 16595 |
| 80° | 16443 | 19226 | 14907 | 17549 |
| 85° | 15485 | 18548 | 12511 | 15883 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 25°
 Vertical Angle: 45°
 Luminance: 65209 cd/sqm



TEST NUMBER: P1444487
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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 4277.0 | 8.0 |
| 10°-20° | 12031.5 | 22.4 |
| 20°-30° | 13703.0 | 25.5 |
| 30°-40° | 9849.1 | 18.3 |
| 40°-50° | 4542.4 | 8.5 |
| 50°-60° | 2173.7 | 4.0 |
| 60°-70° | 1586.0 | 3.0 |
| 70°-80° | 1205.0 | 2.2 |
| 80°-90° | 554.2 | 1.0 |
| 90°-100° | 108.5 | 0.2 |
| 100°-110° | 614.0 | 1.1 |
| 110°-120° | 1134.2 | 2.1 |
| 120°-130° | 696.5 | 1.3 |
| 130°-140° | 451.1 | 0.8 |
| 140°-150° | 337.3 | 0.6 |
| 150°-160° | 236.8 | 0.4 |
| 160°-170° | 143.6 | 0.3 |
| 170°-180° | 49.3 | 0.1 |
| 0°-30° | 30011.5 | 55.9 |
| 0°-40° | 39860.5 | 74.2 |
| 0°-60° | 46576.6 | 86.7 |
| 0°-90° | 49921.8 | 93.0 |
| 90°-120° | 1856.8 | 3.5 |
| 90°-150° | 3341.5 | 6.2 |
| 90°-180° | 3771.0 | 7.0 |
| 0°-180° | 53693.1 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|-------|-------|-------|-------|-------|-------|
| 0° | 43398 | 43398 | 43398 | 43398 | 43398 | |
| 5° | 43725 | 45000 | 43113 | 45590 | 43725 | 4178 |
| 15° | 43534 | 42083 | 42209 | 40388 | 43534 | 12266 |
| 25° | 38819 | 18873 | 37536 | 17124 | 38819 | 17597 |
| 35° | 23986 | 6541 | 22606 | 5794 | 23986 | 14721 |
| 45° | 6894 | 2818 | 6780 | 2771 | 6894 | 5864 |
| 55° | 2586 | 1981 | 2491 | 1963 | 2586 | 2387 |
| 65° | 1588 | 1632 | 1527 | 1576 | 1588 | 1586 |
| 75° | 1119 | 1223 | 1059 | 1169 | 1119 | 1164 |
| 85° | 532 | 638 | 430 | 546 | 532 | 500 |
| 90° | 145 | 184 | 43 | 52 | 145 | 90 |
| 95° | 50 | 55 | 50 | 55 | 50 | 47 |
| 105° | 222 | 286 | 150 | 286 | 222 | 294 |
| 115° | 990 | 1198 | 1037 | 1199 | 990 | 915 |
| 125° | 749 | 781 | 847 | 783 | 749 | 682 |
| 135° | 594 | 523 | 639 | 528 | 594 | 463 |
| 145° | 532 | 513 | 566 | 520 | 532 | 336 |
| 155° | 500 | 500 | 532 | 506 | 500 | 233 |
| 165° | 501 | 500 | 519 | 503 | 501 | 142 |
| 175° | 514 | 519 | 523 | 520 | 514 | 49 |
| 180° | 521 | 521 | 521 | 521 | 521 | |



TEST NUMBER: P1444487
 CATALOG NUMBER: EHBR1-54-UNV-TA-L830-UPL36

CANDELA DISTRIBUTION (FULL):

| | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° | 20° | 22.5° | 25° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 |
| 2.5° | 43563.7 | 43560.1 | 43559.6 | 43556.5 | 43555.7 | 43555.7 | 43554.2 | 43550.7 | 43548.4 | 43543.5 | 43537.9 |
| 5° | 43725.4 | 43723.4 | 43724.5 | 43724.9 | 43721.8 | 43715.1 | 43704.5 | 43691.5 | 43675.0 | 43659.6 | 43645.8 |
| 7.5° | 43850.3 | 43853.4 | 43857.3 | 43856.4 | 43847.0 | 43831.0 | 43809.3 | 43797.1 | 43804.3 | 43828.0 | 43882.0 |
| 10° | 43873.2 | 43891.8 | 43899.0 | 43896.8 | 43877.9 | 43864.2 | 43869.4 | 43915.4 | 44007.0 | 44129.1 | 44296.0 |
| 12.5° | 43784.2 | 43807.1 | 43806.2 | 43798.7 | 43780.4 | 43799.0 | 43865.6 | 44002.5 | 44198.7 | 44439.5 | 44721.9 |
| 15° | 43534.5 | 43564.1 | 43555.7 | 43545.9 | 43533.6 | 43594.9 | 43727.9 | 43965.6 | 44268.7 | 44608.2 | 44955.7 |
| 17.5° | 43049.5 | 43085.2 | 43067.9 | 43056.8 | 43046.5 | 43161.3 | 43389.9 | 43737.9 | 44119.5 | 44503.7 | 44833.0 |
| 20° | 42208.4 | 42232.3 | 42191.0 | 42171.5 | 42188.0 | 42413.0 | 42749.5 | 43194.1 | 43596.4 | 43959.6 | 44184.7 |
| 22.5° | 40835.6 | 40865.3 | 40787.7 | 40778.7 | 40874.5 | 41220.2 | 41646.1 | 42143.0 | 42521.1 | 42808.9 | 42895.6 |
| 25° | 38818.7 | 38847.9 | 38755.7 | 38810.8 | 38973.9 | 39444.6 | 39951.9 | 40483.5 | 40806.0 | 41019.2 | 40960.4 |
| 27.5° | 36096.4 | 36123.1 | 36035.6 | 36148.2 | 36405.9 | 37024.5 | 37621.6 | 38198.1 | 38485.6 | 38635.0 | 38445.7 |
| 30° | 32662.9 | 32718.4 | 32615.0 | 32772.2 | 33165.7 | 33968.8 | 34652.8 | 35299.4 | 35586.0 | 35699.8 | 35405.1 |
| 32.5° | 28585.1 | 28664.0 | 28550.0 | 28783.8 | 29332.9 | 30297.7 | 31074.7 | 31797.1 | 32114.1 | 32244.0 | 31911.1 |
| 35° | 23985.7 | 24099.0 | 23968.2 | 24319.1 | 24996.5 | 26070.7 | 26931.1 | 27737.7 | 28113.2 | 28297.1 | 27961.8 |
| 37.5° | 19113.0 | 19220.9 | 19150.2 | 19618.3 | 20362.1 | 21475.5 | 22353.9 | 23224.0 | 23648.0 | 23924.1 | 23659.8 |
| 40° | 14329.0 | 14427.8 | 14481.3 | 15016.8 | 15716.3 | 16765.8 | 17609.3 | 18470.3 | 18944.6 | 19291.2 | 19128.2 |
| 42.5° | 10113.5 | 10213.0 | 10395.1 | 10911.7 | 11495.1 | 12363.8 | 13086.4 | 13859.4 | 14312.4 | 14682.3 | 14619.3 |
| 45° | 6894.2 | 7009.8 | 7237.9 | 7660.9 | 8082.8 | 8706.0 | 9236.6 | 9837.8 | 10207.9 | 10546.6 | 10550.6 |
| 47.5° | 4831.1 | 4912.3 | 5116.1 | 5405.0 | 5680.0 | 6460.2 | 6492.2 | 6787.7 | 7036.5 | 7289.7 | 7322.4 |
| 50° | 3723.2 | 3772.1 | 3880.2 | 4041.2 | 4197.0 | 4399.5 | 4585.0 | 4799.0 | 4952.2 | 5091.0 | 5124.2 |
| 52.5° | 3060.2 | 3091.3 | 3146.3 | 3233.5 | 3323.9 | 3434.1 | 3533.3 | 3650.8 | 3734.2 | 3808.5 | 3824.1 |
| 55° | 2586.4 | 2612.2 | 2694.1 | 2710.6 | 2814.1 | 2833.9 | 2878.0 | 2949.6 | 2998.0 | 3042.5 | 3053.7 |
| 57.5° | 2228.9 | 2247.5 | 2265.0 | 2302.1 | 2333.9 | 2380.3 | 2417.6 | 2468.9 | 2499.4 | 2531.5 | 2534.4 |
| 60° | 1946.8 | 1960.3 | 1972.7 | 1998.4 | 2020.1 | 2052.3 | 2078.0 | 2112.9 | 2134.8 | 2158.9 | 2161.6 |
| 62.5° | 1736.8 | 1746.5 | 1754.7 | 1771.8 | 1787.2 | 1812.0 | 1832.4 | 1861.5 | 1881.9 | 1900.6 | 1904.8 |
| 65° | 1587.6 | 1594.7 | 1600.0 | 1612.9 | 1626.4 | 1647.5 | 1665.9 | 1689.7 | 1704.7 | 1719.0 | 1722.0 |
| 67.5° | 1455.5 | 1462.2 | 1467.6 | 1479.3 | 1488.7 | 1504.4 | 1516.9 | 1534.7 | 1545.9 | 1557.4 | 1557.7 |
| 70° | 1303.9 | 1310.2 | 1314.4 | 1325.3 | 1332.8 | 1346.3 | 1356.4 | 1372.5 | 1384.0 | 1396.7 | 1399.9 |
| 72.5° | 1199.1 | 1202.7 | 1208.4 | 1218.4 | 1228.8 | 1243.3 | 1256.6 | 1273.4 | 1287.3 | 1300.5 | 1306.1 |
| 75° | 1119.3 | 1123.6 | 1127.3 | 1135.9 | 1143.1 | 1155.3 | 1165.3 | 1180.5 | 1192.8 | 1206.9 | 1213.9 |
| 77.5° | 1004.2 | 1009.1 | 1012.3 | 1020.8 | 1027.1 | 1038.8 | 1046.2 | 1059.9 | 1069.9 | 1082.7 | 1089.0 |
| 80° | 865.0 | 869.6 | 871.9 | 879.9 | 884.9 | 895.7 | 903.0 | 916.1 | 924.5 | 937.4 | 945.0 |
| 82.5° | 710.8 | 715.3 | 716.5 | 724.1 | 726.8 | 735.7 | 740.9 | 754.5 | 764.8 | 781.5 | 793.1 |
| 85° | 532.2 | 533.8 | 536.4 | 534.5 | 545.3 | 545.9 | 558.1 | 560.3 | 576.5 | 580.7 | 598.9 |
| 87.5° | 325.4 | 330.2 | 332.6 | 340.0 | 343.2 | 350.6 | 352.9 | 360.7 | 365.1 | 374.1 | 378.3 |
| 90° | 145.4 | 153.3 | 156.3 | 165.6 | 168.4 | 176.8 | 179.1 | 188.4 | 191.4 | 200.9 | 205.4 |
| 92.5° | 43.7 | 46.5 | 49.1 | 52.4 | 55.1 | 58.8 | 62.0 | 65.2 | 68.0 | 71.7 | 77.4 |
| 95° | 49.6 | 52.7 | 55.9 | 59.1 | 62.3 | 65.6 | 68.8 | 71.9 | 75.1 | 78.3 | 87.5 |
| 97.5° | 62.0 | 64.8 | 67.5 | 70.3 | 73.1 | 75.9 | 78.6 | 81.4 | 84.1 | 86.8 | 97.9 |
| 100° | 80.4 | 82.7 | 85.1 | 87.4 | 89.7 | 92.1 | 94.4 | 96.8 | 99.1 | 101.4 | 122.0 |
| 102.5° | 132.0 | 140.3 | 148.6 | 156.9 | 165.1 | 173.3 | 181.7 | 189.9 | 198.1 | 206.5 | 250.0 |
| 105° | 222.2 | 244.6 | 267.3 | 289.7 | 312.3 | 334.9 | 357.4 | 379.6 | 402.2 | 424.7 | 495.8 |
| 107.5° | 378.1 | 419.6 | 461.3 | 503.0 | 544.8 | 586.4 | 628.2 | 669.7 | 711.2 | 752.6 | 824.8 |
| 110° | 695.8 | 729.0 | 762.7 | 796.2 | 829.6 | 863.4 | 896.8 | 930.0 | 963.6 | 996.9 | 1049.6 |



TEST NUMBER: P1444487
 CATALOG NUMBER: EHBR1-54-UNV-TA-L830-UPL36

CANDELA DISTRIBUTION (continued):

| | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° | 20° | 22.5° | 25° |
|--------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 937.6 | 952.6 | 967.7 | 983.0 | 998.1 | 1013.0 | 1028.0 | 1043.1 | 1058.2 | 1073.1 | 1110.7 |
| 115° | 990.3 | 995.4 | 1000.9 | 1005.9 | 1011.3 | 1016.4 | 1021.6 | 1026.6 | 1031.9 | 1036.7 | 1062.1 |
| 117.5° | 963.5 | 962.4 | 961.3 | 960.5 | 959.2 | 958.1 | 956.9 | 955.7 | 954.4 | 953.1 | 967.3 |
| 120° | 900.9 | 896.1 | 891.5 | 886.5 | 881.6 | 876.7 | 871.9 | 866.8 | 861.7 | 856.5 | 862.6 |
| 122.5° | 821.6 | 815.9 | 810.4 | 804.4 | 798.6 | 792.5 | 786.8 | 780.5 | 774.7 | 768.7 | 770.6 |
| 125° | 748.7 | 742.7 | 737.4 | 731.3 | 725.2 | 719.1 | 713.1 | 706.8 | 700.8 | 694.4 | 695.3 |
| 127.5° | 685.8 | 681.7 | 677.6 | 673.1 | 668.7 | 664.2 | 659.6 | 654.9 | 650.5 | 645.6 | 645.6 |
| 130° | 646.0 | 642.4 | 638.6 | 634.5 | 630.6 | 626.3 | 622.0 | 617.7 | 613.5 | 609.0 | 609.1 |
| 132.5° | 614.2 | 611.7 | 608.9 | 605.9 | 602.8 | 599.3 | 596.2 | 592.6 | 589.4 | 586.0 | 586.3 |
| 135° | 593.8 | 591.2 | 588.8 | 585.9 | 583.1 | 579.8 | 576.6 | 573.3 | 570.2 | 566.7 | 567.3 |
| 137.5° | 576.7 | 574.5 | 572.1 | 569.3 | 566.7 | 563.6 | 560.8 | 557.5 | 554.5 | 551.3 | 551.7 |
| 140° | 561.4 | 559.2 | 557.1 | 554.4 | 552.0 | 549.4 | 546.5 | 543.6 | 540.7 | 537.7 | 538.5 |
| 142.5° | 543.6 | 541.7 | 540.1 | 538.0 | 536.0 | 533.5 | 531.1 | 528.5 | 526.2 | 523.6 | 524.8 |
| 145° | 532.4 | 530.9 | 529.5 | 527.7 | 525.8 | 523.6 | 521.7 | 519.2 | 517.3 | 515.0 | 516.4 |
| 147.5° | 522.7 | 521.4 | 520.4 | 518.7 | 517.4 | 515.4 | 513.7 | 511.6 | 509.9 | 508.1 | 509.5 |
| 150° | 514.3 | 513.1 | 512.1 | 510.7 | 509.2 | 507.4 | 505.8 | 504.0 | 502.4 | 500.5 | 501.9 |
| 152.5° | 505.1 | 503.8 | 502.9 | 501.5 | 500.1 | 498.2 | 497.0 | 495.1 | 493.6 | 491.9 | 493.1 |
| 155° | 500.4 | 499.1 | 498.0 | 496.6 | 495.3 | 493.7 | 492.2 | 490.6 | 489.3 | 487.6 | 488.5 |
| 157.5° | 498.1 | 497.0 | 496.2 | 494.8 | 493.9 | 492.6 | 491.5 | 490.1 | 489.0 | 487.7 | 488.3 |
| 160° | 498.4 | 497.4 | 496.5 | 495.1 | 494.0 | 492.7 | 491.8 | 490.4 | 489.5 | 488.2 | 488.7 |
| 162.5° | 499.0 | 497.9 | 496.7 | 495.6 | 494.6 | 493.2 | 492.2 | 491.2 | 490.1 | 488.8 | 489.5 |
| 165° | 501.0 | 500.5 | 499.6 | 498.8 | 498.0 | 497.2 | 496.5 | 495.4 | 494.7 | 493.6 | 494.1 |
| 167.5° | 507.0 | 506.0 | 505.3 | 504.3 | 503.3 | 502.4 | 501.4 | 500.4 | 499.6 | 498.5 | 498.9 |
| 170° | 509.9 | 509.1 | 508.6 | 508.2 | 507.5 | 506.9 | 506.4 | 505.7 | 505.1 | 504.4 | 504.8 |
| 172.5° | 513.4 | 512.8 | 512.5 | 512.2 | 511.5 | 511.2 | 510.7 | 510.2 | 509.9 | 509.3 | 509.9 |
| 175° | 514.3 | 513.8 | 513.7 | 513.3 | 513.0 | 512.7 | 512.6 | 512.2 | 512.2 | 511.7 | 512.1 |
| 177.5° | 517.9 | 517.8 | 517.8 | 517.6 | 517.6 | 517.4 | 517.3 | 517.0 | 516.8 | 516.8 | 517.2 |
| 180° | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 |



TEST NUMBER: P1444487
 CATALOG NUMBER: EHBR1-54-UNV-TA-L830-UPL36

CANDELA DISTRIBUTION (continued):

| | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° | 47.5° | 50° | 52.5° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 |
| 2.5° | 43533.6 | 43528.3 | 43521.1 | 43511.9 | 43504.0 | 43494.9 | 43473.1 | 43466.8 | 43474.0 | 43478.8 | 43488.8 |
| 5° | 43637.1 | 43640.1 | 43641.3 | 43661.0 | 43678.1 | 43720.7 | 44054.6 | 44187.3 | 44289.9 | 44355.0 | 44454.0 |
| 7.5° | 43949.0 | 44049.3 | 44148.5 | 44282.1 | 44397.2 | 44552.7 | 45136.9 | 45385.5 | 45562.3 | 45689.4 | 45845.7 |
| 10° | 44477.5 | 44696.5 | 44901.9 | 45142.5 | 45349.4 | 45586.2 | 46130.0 | 46372.2 | 46525.2 | 46636.5 | 46740.5 |
| 12.5° | 45009.8 | 45313.7 | 45588.2 | 45856.0 | 46079.9 | 46285.2 | 46476.5 | 46561.3 | 46568.5 | 46572.0 | 46516.9 |
| 15° | 45287.1 | 45577.5 | 45819.5 | 45996.5 | 46128.1 | 46186.3 | 45857.1 | 45684.4 | 45466.1 | 45286.3 | 44990.5 |
| 17.5° | 45112.1 | 45286.3 | 45390.9 | 45380.5 | 45326.2 | 45144.1 | 44211.5 | 43698.7 | 43189.5 | 42730.6 | 42128.9 |
| 20° | 44334.1 | 44320.8 | 44229.9 | 43972.4 | 43662.2 | 43179.7 | 41580.9 | 40658.5 | 39766.7 | 38983.4 | 38033.2 |
| 22.5° | 42886.7 | 42659.0 | 42341.5 | 41786.3 | 41169.5 | 40326.5 | 38035.4 | 36678.6 | 35437.1 | 34340.3 | 33111.7 |
| 25° | 40789.5 | 40321.1 | 39735.5 | 38854.0 | 37895.5 | 36666.1 | 33842.2 | 32154.5 | 30663.9 | 29371.1 | 27953.5 |
| 27.5° | 38105.7 | 37400.0 | 36541.7 | 35321.8 | 34023.1 | 32448.1 | 29317.4 | 27454.8 | 25854.7 | 24468.6 | 22959.8 |
| 30° | 34928.2 | 34010.3 | 32902.1 | 31388.0 | 29821.6 | 28035.1 | 24859.9 | 22973.4 | 21353.8 | 19927.8 | 18417.9 |
| 32.5° | 31337.3 | 30262.3 | 28963.7 | 27264.2 | 25570.3 | 23733.6 | 20667.0 | 18841.1 | 17293.8 | 15922.0 | 14555.3 |
| 35° | 27376.8 | 26223.9 | 24850.0 | 23116.8 | 21432.9 | 19647.2 | 16833.4 | 15187.0 | 13820.7 | 12608.1 | 11504.6 |
| 37.5° | 23128.5 | 21996.5 | 20690.7 | 19057.1 | 17495.7 | 15877.4 | 13449.5 | 12069.9 | 10923.3 | 9916.9 | 9064.8 |
| 40° | 18711.4 | 17720.8 | 16590.9 | 15178.6 | 13846.1 | 12498.4 | 10505.5 | 9410.3 | 8505.4 | 7737.9 | 7099.4 |
| 42.5° | 14348.3 | 13580.7 | 12714.2 | 11598.1 | 10578.4 | 9552.3 | 8018.4 | 7206.9 | 6536.7 | 5984.3 | 5532.9 |
| 45° | 10410.2 | 9896.7 | 9315.6 | 8539.7 | 7834.1 | 7118.3 | 6026.6 | 5456.4 | 5019.9 | 4663.7 | 4362.4 |
| 47.5° | 7277.3 | 6979.4 | 6961.2 | 6244.2 | 5726.8 | 5289.1 | 4585.8 | 4225.7 | 3958.3 | 3742.3 | 3551.6 |
| 50° | 5110.6 | 4966.5 | 4787.5 | 4531.6 | 4291.4 | 4044.1 | 3615.6 | 3397.8 | 3241.2 | 3110.4 | 2989.8 |
| 52.5° | 3820.6 | 3745.7 | 3650.4 | 3514.6 | 3384.5 | 3245.4 | 2974.2 | 2835.6 | 2786.3 | 2664.6 | 2569.0 |
| 55° | 3051.6 | 3008.6 | 2954.5 | 2874.7 | 2795.5 | 2763.9 | 2531.5 | 2428.5 | 2363.3 | 2315.3 | 2263.9 |
| 57.5° | 2534.8 | 2502.8 | 2470.7 | 2416.6 | 2370.7 | 2315.3 | 2191.9 | 2139.2 | 2100.4 | 2072.1 | 2036.5 |
| 60° | 2162.1 | 2143.0 | 2125.0 | 2093.3 | 2068.5 | 2038.7 | 1960.3 | 1930.6 | 1910.2 | 1893.2 | 1870.5 |
| 62.5° | 1908.4 | 1898.5 | 1889.2 | 1872.3 | 1859.7 | 1843.5 | 1790.0 | 1775.6 | 1765.5 | 1757.0 | 1743.1 |
| 65° | 1725.1 | 1718.1 | 1713.0 | 1701.6 | 1695.3 | 1685.9 | 1639.9 | 1630.2 | 1624.0 | 1620.9 | 1612.9 |
| 67.5° | 1558.7 | 1551.3 | 1547.9 | 1539.9 | 1537.3 | 1531.3 | 1493.7 | 1488.4 | 1486.3 | 1487.3 | 1484.4 |
| 70° | 1403.0 | 1399.9 | 1401.5 | 1400.3 | 1403.8 | 1404.9 | 1382.1 | 1381.9 | 1384.4 | 1389.1 | 1389.6 |
| 72.5° | 1309.7 | 1309.7 | 1311.5 | 1312.2 | 1315.6 | 1317.3 | 1298.3 | 1297.3 | 1298.5 | 1302.0 | 1302.1 |
| 75° | 1220.9 | 1222.4 | 1227.2 | 1228.8 | 1232.8 | 1233.6 | 1208.5 | 1205.6 | 1205.8 | 1209.2 | 1208.1 |
| 77.5° | 1098.0 | 1103.3 | 1112.5 | 1117.3 | 1125.1 | 1126.5 | 1098.4 | 1095.0 | 1095.1 | 1098.5 | 1095.7 |
| 80° | 958.6 | 968.7 | 983.4 | 993.5 | 1005.4 | 1010.2 | 981.3 | 974.4 | 967.9 | 967.0 | 961.2 |
| 82.5° | 810.4 | 822.8 | 840.4 | 849.5 | 862.2 | 865.1 | 816.7 | 807.5 | 802.1 | 802.6 | 797.2 |
| 85° | 618.7 | 628.1 | 644.0 | 649.1 | 657.0 | 656.4 | 601.1 | 577.4 | 583.7 | 573.8 | 581.6 |
| 87.5° | 388.1 | 393.6 | 403.5 | 404.8 | 408.5 | 407.7 | 352.1 | 341.1 | 338.0 | 338.1 | 334.0 |
| 90° | 216.0 | 221.3 | 231.6 | 233.2 | 240.6 | 241.4 | 197.9 | 194.4 | 189.0 | 189.9 | 182.8 |
| 92.5° | 83.5 | 89.0 | 95.1 | 100.7 | 106.7 | 112.6 | 113.2 | 117.6 | 112.0 | 105.8 | 100.4 |
| 95° | 96.9 | 106.2 | 115.6 | 125.0 | 134.3 | 143.7 | 153.1 | 162.4 | 153.7 | 144.9 | 136.1 |
| 97.5° | 108.9 | 120.0 | 130.9 | 142.0 | 153.1 | 164.1 | 175.2 | 186.2 | 176.9 | 167.1 | 157.7 |
| 100° | 142.7 | 163.3 | 183.8 | 204.4 | 224.9 | 245.5 | 266.2 | 286.8 | 268.7 | 250.4 | 232.2 |
| 102.5° | 293.7 | 337.6 | 381.3 | 425.0 | 468.6 | 512.6 | 556.6 | 600.4 | 558.7 | 517.0 | 475.2 |
| 105° | 566.7 | 637.6 | 708.5 | 779.2 | 850.2 | 921.1 | 992.4 | 1063.4 | 996.8 | 930.2 | 863.6 |
| 107.5° | 896.6 | 968.7 | 1040.3 | 1112.2 | 1184.2 | 1256.0 | 1328.7 | 1400.7 | 1335.7 | 1270.5 | 1205.5 |
| 110° | 1101.9 | 1154.3 | 1206.9 | 1259.1 | 1311.5 | 1363.9 | 1417.3 | 1469.9 | 1430.7 | 1391.6 | 1352.5 |



TEST NUMBER: P1444487
 CATALOG NUMBER: EHBR1-54-UNV-TA-L830-UPL36

CANDELA DISTRIBUTION (continued):

| | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° | 47.5° | 50° | 52.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 1147.8 | 1185.5 | 1222.9 | 1260.2 | 1297.3 | 1334.8 | 1373.6 | 1411.3 | 1391.6 | 1371.6 | 1352.1 |
| 115° | 1087.1 | 1112.5 | 1137.5 | 1162.6 | 1187.7 | 1212.7 | 1239.6 | 1265.2 | 1258.7 | 1252.1 | 1245.7 |
| 117.5° | 981.2 | 995.1 | 1009.1 | 1023.0 | 1036.7 | 1050.5 | 1066.8 | 1081.1 | 1081.8 | 1082.6 | 1083.7 |
| 120° | 868.3 | 874.0 | 879.8 | 885.5 | 891.0 | 896.6 | 905.0 | 911.2 | 916.3 | 921.1 | 926.1 |
| 122.5° | 772.7 | 774.7 | 776.5 | 778.5 | 780.4 | 782.2 | 787.3 | 789.9 | 793.2 | 796.5 | 799.9 |
| 125° | 696.1 | 696.9 | 697.7 | 698.5 | 699.0 | 699.8 | 704.2 | 705.5 | 705.4 | 705.3 | 705.2 |
| 127.5° | 645.5 | 645.4 | 645.2 | 645.1 | 644.6 | 644.5 | 648.2 | 648.8 | 646.1 | 643.7 | 640.9 |
| 130° | 609.3 | 609.6 | 609.6 | 609.7 | 610.0 | 610.2 | 614.4 | 615.6 | 611.3 | 606.7 | 602.5 |
| 132.5° | 586.5 | 586.9 | 586.9 | 587.6 | 587.9 | 588.1 | 592.8 | 594.2 | 589.5 | 584.2 | 579.4 |
| 135° | 567.6 | 568.2 | 568.8 | 569.1 | 569.7 | 570.5 | 575.8 | 577.3 | 572.8 | 567.7 | 563.1 |
| 137.5° | 552.1 | 552.7 | 553.2 | 554.0 | 554.4 | 555.1 | 561.0 | 562.8 | 559.1 | 554.9 | 551.3 |
| 140° | 539.1 | 539.8 | 540.7 | 541.6 | 542.4 | 543.5 | 549.8 | 551.9 | 549.1 | 545.8 | 542.6 |
| 142.5° | 525.8 | 527.3 | 528.5 | 530.1 | 531.3 | 533.0 | 540.4 | 543.0 | 540.8 | 538.2 | 536.0 |
| 145° | 517.6 | 519.5 | 520.9 | 522.8 | 524.4 | 526.3 | 534.6 | 537.9 | 536.4 | 534.6 | 533.1 |
| 147.5° | 510.4 | 512.0 | 513.4 | 515.0 | 516.6 | 518.7 | 527.4 | 530.6 | 529.7 | 528.6 | 527.5 |
| 150° | 503.1 | 504.8 | 506.2 | 507.9 | 509.8 | 511.7 | 521.6 | 525.2 | 524.4 | 523.5 | 522.4 |
| 152.5° | 494.3 | 495.7 | 497.1 | 498.6 | 500.1 | 502.0 | 513.7 | 517.6 | 517.0 | 515.8 | 515.2 |
| 155° | 489.4 | 490.4 | 491.4 | 492.6 | 493.7 | 495.3 | 507.9 | 511.7 | 511.3 | 510.7 | 510.1 |
| 157.5° | 488.9 | 489.4 | 489.9 | 490.6 | 491.5 | 492.4 | 505.4 | 509.6 | 508.9 | 508.4 | 508.0 |
| 160° | 489.0 | 489.4 | 489.7 | 490.4 | 490.7 | 491.5 | 504.9 | 508.6 | 508.3 | 507.7 | 507.1 |
| 162.5° | 490.0 | 491.0 | 491.6 | 492.1 | 492.9 | 493.9 | 507.4 | 511.7 | 510.9 | 510.2 | 509.5 |
| 165° | 494.4 | 494.6 | 494.9 | 495.5 | 495.7 | 496.3 | 509.0 | 512.4 | 512.1 | 511.4 | 511.0 |
| 167.5° | 499.2 | 499.7 | 500.0 | 500.6 | 501.0 | 501.8 | 513.7 | 517.0 | 516.7 | 516.0 | 515.7 |
| 170° | 505.0 | 505.5 | 505.7 | 506.3 | 506.9 | 507.5 | 517.3 | 520.2 | 519.8 | 518.9 | 518.4 |
| 172.5° | 510.3 | 511.0 | 511.5 | 512.1 | 512.7 | 513.3 | 521.7 | 524.4 | 524.0 | 523.4 | 522.7 |
| 175° | 512.6 | 512.8 | 513.3 | 514.0 | 514.4 | 514.8 | 521.5 | 523.4 | 523.2 | 522.9 | 522.6 |
| 177.5° | 517.5 | 517.8 | 518.2 | 518.7 | 519.0 | 519.5 | 523.4 | 524.7 | 524.6 | 524.6 | 524.4 |
| 180° | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 |



TEST NUMBER: P1444487
 CATALOG NUMBER: EHBR1-54-UNV-TA-L830-UPL36

CANDELA DISTRIBUTION (continued):

| | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° | 75° | 77.5° | 80° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 |
| 2.5° | 43491.0 | 43506.3 | 43508.5 | 43526.4 | 43524.9 | 43546.2 | 43542.8 | 43560.1 | 43550.0 | 43564.4 | 43552.3 |
| 5° | 44512.5 | 44605.1 | 44653.6 | 44744.0 | 44772.6 | 44853.5 | 44876.3 | 44950.1 | 44953.2 | 45011.8 | 44998.4 |
| 7.5° | 45956.6 | 46093.2 | 46174.3 | 46286.1 | 46342.6 | 46435.8 | 46476.8 | 46545.6 | 46567.8 | 46622.5 | 46626.7 |
| 10° | 46819.1 | 46885.4 | 46931.6 | 46962.8 | 46991.3 | 47004.7 | 47020.3 | 47016.1 | 47020.3 | 47014.2 | 47027.6 |
| 12.5° | 46479.9 | 46383.0 | 46319.0 | 46197.7 | 46127.5 | 45993.5 | 45927.7 | 45798.9 | 45752.0 | 45641.4 | 45625.5 |
| 15° | 44761.9 | 44424.5 | 44186.1 | 43839.4 | 43621.5 | 43280.4 | 43080.7 | 42773.0 | 42632.4 | 42387.9 | 42323.7 |
| 17.5° | 41630.8 | 41004.4 | 40519.7 | 39897.9 | 39466.4 | 38885.3 | 38519.8 | 38038.8 | 37775.3 | 37387.4 | 37253.1 |
| 20° | 37241.0 | 36314.2 | 35587.2 | 34721.0 | 34101.2 | 33328.9 | 32834.4 | 32210.8 | 31848.8 | 31372.3 | 31179.2 |
| 22.5° | 32087.3 | 30933.5 | 30025.4 | 29002.1 | 28254.2 | 27393.6 | 26801.2 | 26126.5 | 25732.6 | 25215.0 | 24985.9 |
| 25° | 26775.4 | 25502.9 | 24493.3 | 23415.3 | 22625.1 | 21762.3 | 21169.8 | 20507.0 | 20099.4 | 19608.0 | 19380.3 |
| 27.5° | 21694.9 | 20407.0 | 19431.3 | 18429.0 | 17704.1 | 16925.6 | 16391.0 | 15812.3 | 15450.5 | 15031.1 | 14816.9 |
| 30° | 17211.6 | 16075.6 | 15245.3 | 14413.5 | 13810.5 | 13178.3 | 12734.0 | 12254.4 | 11937.0 | 11577.9 | 11373.8 |
| 32.5° | 13559.0 | 12681.9 | 12031.8 | 11371.7 | 10878.3 | 10349.9 | 9966.0 | 9542.8 | 9256.4 | 8935.6 | 8750.8 |
| 35° | 10738.5 | 10057.1 | 9538.5 | 8995.2 | 8571.2 | 8121.2 | 7782.9 | 7417.7 | 7160.7 | 6884.5 | 6724.9 |
| 37.5° | 8484.5 | 7942.6 | 7516.0 | 7064.7 | 6716.4 | 6343.6 | 6218.0 | 5798.9 | 5532.5 | 5312.2 | 5159.5 |
| 40° | 6658.7 | 6227.8 | 5874.8 | 5529.6 | 5245.6 | 4962.8 | 4735.9 | 4511.9 | 4340.1 | 4182.4 | 4073.4 |
| 42.5° | 5199.9 | 4887.7 | 4629.9 | 4377.1 | 4169.9 | 3963.9 | 3799.5 | 3645.2 | 3529.4 | 3426.3 | 3356.0 |
| 45° | 4133.7 | 3919.0 | 3739.8 | 3561.7 | 3415.5 | 3278.0 | 3167.4 | 3068.9 | 2994.2 | 2932.3 | 2888.3 |
| 47.5° | 3395.9 | 3248.9 | 3122.5 | 3002.3 | 2903.1 | 2813.0 | 2738.9 | 2714.8 | 2634.4 | 2580.2 | 2559.6 |
| 50° | 2886.1 | 2797.3 | 2701.3 | 2612.7 | 2546.3 | 2480.4 | 2432.4 | 2385.2 | 2355.2 | 2330.3 | 2322.7 |
| 52.5° | 2505.5 | 2437.7 | 2384.3 | 2328.1 | 2284.4 | 2237.4 | 2204.3 | 2172.9 | 2156.4 | 2143.3 | 2141.7 |
| 55° | 2222.6 | 2175.1 | 2139.8 | 2102.2 | 2075.9 | 2048.4 | 2031.3 | 2014.7 | 2007.5 | 2000.8 | 2001.3 |
| 57.5° | 2008.6 | 1976.8 | 1953.9 | 1929.4 | 1915.3 | 1902.1 | 1897.7 | 1893.6 | 1895.8 | 1896.7 | 1900.5 |
| 60° | 1852.5 | 1831.9 | 1817.5 | 1803.4 | 1797.5 | 1793.3 | 1796.5 | 1800.3 | 1807.8 | 1813.9 | 1819.4 |
| 62.5° | 1733.0 | 1721.3 | 1714.2 | 1706.7 | 1706.0 | 1706.3 | 1712.8 | 1719.0 | 1728.5 | 1735.6 | 1740.9 |
| 65° | 1610.0 | 1603.3 | 1601.0 | 1596.2 | 1598.6 | 1600.0 | 1607.8 | 1612.5 | 1622.0 | 1627.7 | 1634.5 |
| 67.5° | 1485.6 | 1484.0 | 1485.5 | 1485.5 | 1489.8 | 1493.6 | 1501.0 | 1506.4 | 1514.5 | 1519.6 | 1525.1 |
| 70° | 1393.8 | 1394.5 | 1397.9 | 1398.5 | 1403.2 | 1405.7 | 1412.2 | 1415.6 | 1423.0 | 1427.3 | 1433.9 |
| 72.5° | 1304.6 | 1303.1 | 1303.9 | 1301.8 | 1303.4 | 1302.8 | 1306.3 | 1308.1 | 1314.2 | 1317.6 | 1325.6 |
| 75° | 1209.5 | 1205.5 | 1204.5 | 1200.2 | 1200.3 | 1197.3 | 1198.7 | 1198.5 | 1202.5 | 1204.2 | 1209.9 |
| 77.5° | 1094.6 | 1087.9 | 1084.7 | 1077.5 | 1077.3 | 1074.6 | 1077.5 | 1079.2 | 1086.3 | 1089.7 | 1096.2 |
| 80° | 957.3 | 946.7 | 941.9 | 933.5 | 934.9 | 934.5 | 941.6 | 946.8 | 955.5 | 957.1 | 965.5 |
| 82.5° | 795.6 | 784.9 | 779.7 | 771.6 | 773.4 | 773.6 | 780.1 | 781.2 | 788.7 | 792.0 | 801.6 |
| 85° | 569.7 | 573.8 | 562.5 | 563.2 | 560.8 | 565.3 | 569.7 | 575.1 | 581.4 | 591.9 | 600.0 |
| 87.5° | 335.5 | 334.0 | 338.1 | 338.5 | 344.3 | 347.4 | 356.7 | 362.0 | 372.5 | 380.7 | 395.5 |
| 90° | 181.7 | 174.9 | 176.7 | 173.4 | 177.6 | 174.5 | 178.4 | 174.8 | 179.8 | 179.3 | 186.2 |
| 92.5° | 93.9 | 88.4 | 82.0 | 76.3 | 70.1 | 64.7 | 61.3 | 59.1 | 55.7 | 53.7 | 50.2 |
| 95° | 127.4 | 118.7 | 110.0 | 101.2 | 92.5 | 83.7 | 80.6 | 77.4 | 74.2 | 71.0 | 67.7 |
| 97.5° | 148.4 | 139.0 | 129.6 | 120.2 | 110.8 | 101.4 | 99.3 | 97.2 | 95.1 | 92.9 | 90.9 |
| 100° | 213.9 | 195.9 | 177.8 | 159.4 | 141.3 | 123.3 | 121.6 | 119.9 | 118.2 | 116.5 | 114.7 |
| 102.5° | 433.7 | 392.0 | 350.5 | 308.8 | 267.3 | 225.7 | 218.4 | 211.2 | 203.9 | 196.7 | 189.5 |
| 105° | 797.0 | 730.4 | 663.8 | 597.2 | 530.8 | 464.2 | 444.5 | 424.3 | 404.6 | 384.7 | 364.9 |
| 107.5° | 1140.4 | 1075.5 | 1010.6 | 945.8 | 880.9 | 816.0 | 784.5 | 753.2 | 721.6 | 690.4 | 659.0 |
| 110° | 1313.1 | 1274.0 | 1235.1 | 1195.8 | 1157.0 | 1118.1 | 1087.9 | 1058.1 | 1027.9 | 998.0 | 968.2 |



TEST NUMBER: P1444487
 CATALOG NUMBER: EHBR1-54-UNV-TA-L830-UPL36

CANDELA DISTRIBUTION (continued):

| | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° | 75° | 77.5° | 80° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 1332.4 | 1312.7 | 1292.9 | 1273.4 | 1254.0 | 1234.3 | 1219.6 | 1205.0 | 1190.4 | 1175.8 | 1160.9 |
| 115° | 1239.1 | 1232.7 | 1226.2 | 1220.1 | 1213.8 | 1207.4 | 1206.3 | 1205.3 | 1204.0 | 1202.9 | 1202.0 |
| 117.5° | 1084.4 | 1085.3 | 1086.0 | 1087.1 | 1088.2 | 1089.2 | 1096.8 | 1104.3 | 1112.1 | 1119.9 | 1127.9 |
| 120° | 931.0 | 935.9 | 940.7 | 946.0 | 950.9 | 956.1 | 966.1 | 976.5 | 986.7 | 997.5 | 1007.9 |
| 122.5° | 803.0 | 806.3 | 809.5 | 813.1 | 816.3 | 819.8 | 829.7 | 839.9 | 850.1 | 860.5 | 871.0 |
| 125° | 704.6 | 704.5 | 704.2 | 703.8 | 703.7 | 703.7 | 711.7 | 719.9 | 728.3 | 736.9 | 745.2 |
| 127.5° | 638.2 | 635.4 | 632.6 | 629.9 | 627.1 | 624.7 | 629.1 | 634.0 | 638.6 | 643.5 | 648.5 |
| 130° | 597.9 | 593.4 | 588.6 | 584.5 | 579.7 | 575.4 | 576.9 | 578.5 | 580.2 | 582.0 | 583.9 |
| 132.5° | 574.1 | 569.1 | 563.8 | 558.6 | 553.4 | 548.3 | 547.7 | 547.2 | 546.6 | 546.5 | 546.5 |
| 135° | 558.1 | 553.4 | 548.3 | 543.4 | 538.1 | 533.5 | 531.9 | 530.3 | 528.7 | 527.4 | 526.1 |
| 137.5° | 547.2 | 543.2 | 539.2 | 535.3 | 531.0 | 527.2 | 524.7 | 523.0 | 520.8 | 519.3 | 517.3 |
| 140° | 539.3 | 536.3 | 532.7 | 529.5 | 526.1 | 523.1 | 521.0 | 519.5 | 517.6 | 516.2 | 514.6 |
| 142.5° | 533.4 | 530.9 | 528.4 | 526.0 | 523.4 | 521.0 | 519.1 | 517.6 | 515.8 | 514.5 | 512.8 |
| 145° | 531.3 | 529.7 | 527.9 | 526.2 | 524.5 | 522.8 | 521.2 | 520.0 | 518.7 | 517.4 | 516.4 |
| 147.5° | 526.3 | 525.1 | 524.0 | 522.8 | 521.5 | 520.2 | 519.1 | 518.6 | 517.3 | 516.6 | 515.7 |
| 150° | 521.3 | 520.2 | 519.1 | 518.2 | 516.9 | 515.9 | 515.1 | 514.5 | 513.8 | 513.5 | 512.8 |
| 152.5° | 514.1 | 513.1 | 512.1 | 511.3 | 510.0 | 509.1 | 508.4 | 508.1 | 507.5 | 507.0 | 506.3 |
| 155° | 509.3 | 508.6 | 507.9 | 507.2 | 506.2 | 505.7 | 505.0 | 504.1 | 503.5 | 502.8 | 502.1 |
| 157.5° | 507.3 | 506.7 | 505.8 | 505.4 | 504.4 | 503.8 | 503.1 | 502.5 | 501.7 | 501.1 | 500.4 |
| 160° | 506.6 | 506.0 | 505.3 | 504.6 | 503.9 | 503.3 | 502.4 | 501.6 | 500.6 | 499.9 | 498.9 |
| 162.5° | 508.6 | 507.8 | 507.1 | 506.2 | 505.2 | 504.5 | 503.7 | 503.1 | 502.5 | 501.8 | 501.0 |
| 165° | 510.3 | 509.7 | 509.0 | 508.4 | 507.9 | 507.2 | 506.3 | 505.6 | 504.5 | 503.9 | 502.8 |
| 167.5° | 515.0 | 514.5 | 513.9 | 513.4 | 512.7 | 512.0 | 511.3 | 510.4 | 509.6 | 508.7 | 507.6 |
| 170° | 517.9 | 517.1 | 516.5 | 515.6 | 514.9 | 514.1 | 513.4 | 512.5 | 511.6 | 511.2 | 510.0 |
| 172.5° | 522.2 | 521.8 | 521.2 | 520.6 | 519.8 | 519.2 | 518.7 | 518.0 | 517.3 | 516.6 | 516.0 |
| 175° | 522.4 | 522.3 | 522.1 | 521.7 | 521.5 | 521.1 | 520.8 | 520.6 | 520.3 | 520.2 | 519.7 |
| 177.5° | 524.4 | 524.2 | 524.2 | 523.9 | 523.7 | 523.7 | 523.3 | 523.2 | 522.8 | 522.4 | 522.2 |
| 180° | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 |



TEST NUMBER: P1444487
 CATALOG NUMBER: EHBR1-54-UNV-TA-L830-UPL36

CANDELA DISTRIBUTION (continued):

| | 82.5° | 85° | 87.5° | 90° | 92.5° | 95° | 97.5° | 100° | 102.5° | 105° | 107.5° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 |
| 2.5° | 43564.8 | 43553.8 | 43559.0 | 43538.6 | 43543.5 | 43518.8 | 43516.6 | 43488.8 | 43486.1 | 43459.8 | 43450.0 |
| 5° | 45039.9 | 45015.6 | 45043.0 | 45000.3 | 45008.7 | 44953.2 | 44948.5 | 44876.8 | 44852.1 | 44762.3 | 44723.5 |
| 7.5° | 46660.9 | 46651.8 | 46668.5 | 46632.8 | 46631.7 | 46582.2 | 46561.7 | 46497.4 | 46457.5 | 46363.2 | 46303.1 |
| 10° | 47016.1 | 47024.5 | 47010.8 | 47014.2 | 46994.9 | 46989.5 | 46969.8 | 46957.2 | 46924.9 | 46900.5 | 46864.5 |
| 12.5° | 45541.4 | 45550.2 | 45494.0 | 45529.7 | 45501.5 | 45567.3 | 45562.0 | 45639.5 | 45651.4 | 45749.5 | 45786.7 |
| 15° | 42133.1 | 42122.5 | 42014.6 | 42082.6 | 42046.1 | 42190.5 | 42222.8 | 42417.1 | 42521.1 | 42770.5 | 42923.7 |
| 17.5° | 36984.4 | 36956.5 | 36804.5 | 36887.3 | 36845.2 | 37058.2 | 37129.5 | 37440.3 | 37634.2 | 38036.1 | 38322.5 |
| 20° | 30846.8 | 30793.6 | 30615.7 | 30712.6 | 30669.2 | 30911.1 | 31013.0 | 31388.6 | 31638.6 | 32171.0 | 32549.7 |
| 22.5° | 24632.9 | 24548.8 | 24374.7 | 24465.2 | 24424.2 | 24674.8 | 24807.4 | 25184.3 | 25470.6 | 26017.1 | 26459.3 |
| 25° | 19053.0 | 18978.1 | 18809.7 | 18873.0 | 18857.7 | 19069.7 | 19187.8 | 19544.2 | 19825.5 | 20346.2 | 20768.1 |
| 27.5° | 14532.2 | 14454.2 | 14302.0 | 14346.9 | 14331.5 | 14512.1 | 14623.3 | 14921.1 | 15163.2 | 15601.4 | 15972.0 |
| 30° | 11122.3 | 11028.2 | 10899.2 | 10923.9 | 10913.3 | 11059.7 | 11163.6 | 11414.4 | 11621.8 | 11992.2 | 12311.4 |
| 32.5° | 8525.2 | 8430.7 | 8312.1 | 8323.7 | 8308.0 | 8422.9 | 8508.5 | 8726.6 | 8907.4 | 9222.3 | 9500.2 |
| 35° | 6523.0 | 6633.4 | 6380.3 | 6540.7 | 6373.6 | 6618.8 | 6530.6 | 6666.9 | 6822.4 | 7087.8 | 7319.5 |
| 37.5° | 5014.6 | 4937.6 | 4872.4 | 4865.5 | 4865.2 | 4921.9 | 4989.0 | 5120.2 | 5257.3 | 5455.0 | 5659.2 |
| 40° | 3973.8 | 3919.8 | 3877.6 | 3874.6 | 3877.6 | 3918.0 | 3967.5 | 4058.3 | 4158.6 | 4300.6 | 4450.7 |
| 42.5° | 3295.9 | 3260.0 | 3234.6 | 3232.9 | 3240.9 | 3269.5 | 3304.0 | 3357.8 | 3423.1 | 3515.1 | 3618.0 |
| 45° | 2852.7 | 2832.7 | 2818.6 | 2817.7 | 2821.5 | 2836.4 | 2856.1 | 2889.7 | 2931.1 | 2988.6 | 3053.7 |
| 47.5° | 2541.6 | 2536.7 | 2527.9 | 2528.2 | 2524.1 | 2530.3 | 2532.6 | 2551.4 | 2573.4 | 2616.7 | 2701.7 |
| 50° | 2315.1 | 2315.1 | 2309.0 | 2308.7 | 2302.9 | 2302.5 | 2297.7 | 2305.1 | 2315.5 | 2342.2 | 2369.5 |
| 52.5° | 2136.1 | 2135.4 | 2128.9 | 2127.5 | 2121.5 | 2121.1 | 2117.0 | 2119.9 | 2121.3 | 2134.8 | 2151.1 |
| 55° | 1996.1 | 1992.0 | 1983.3 | 1980.6 | 1978.1 | 1981.7 | 1980.1 | 1980.2 | 1978.4 | 1984.1 | 1988.9 |
| 57.5° | 1895.8 | 1890.4 | 1882.1 | 1879.7 | 1879.0 | 1883.3 | 1883.4 | 1881.9 | 1874.4 | 1869.3 | 1862.0 |
| 60° | 1816.4 | 1810.8 | 1802.0 | 1799.8 | 1801.1 | 1806.8 | 1806.5 | 1801.7 | 1790.4 | 1780.6 | 1769.3 |
| 62.5° | 1738.3 | 1736.1 | 1731.6 | 1730.9 | 1729.8 | 1730.8 | 1726.7 | 1721.6 | 1710.5 | 1700.0 | 1687.7 |
| 65° | 1633.6 | 1634.7 | 1631.4 | 1631.8 | 1627.8 | 1627.2 | 1621.1 | 1616.1 | 1604.9 | 1595.3 | 1582.7 |
| 67.5° | 1524.9 | 1525.7 | 1523.0 | 1523.0 | 1520.8 | 1521.2 | 1517.5 | 1512.9 | 1503.3 | 1495.6 | 1485.8 |
| 70° | 1435.3 | 1437.6 | 1436.0 | 1436.4 | 1433.9 | 1432.9 | 1427.1 | 1422.6 | 1412.8 | 1406.4 | 1397.5 |
| 72.5° | 1328.1 | 1332.8 | 1332.7 | 1333.9 | 1329.9 | 1328.1 | 1321.1 | 1315.5 | 1306.6 | 1301.5 | 1294.4 |
| 75° | 1212.2 | 1218.5 | 1220.3 | 1223.0 | 1217.5 | 1214.6 | 1207.0 | 1202.5 | 1195.3 | 1192.3 | 1187.7 |
| 77.5° | 1099.1 | 1106.1 | 1112.7 | 1118.8 | 1109.9 | 1102.0 | 1092.6 | 1085.4 | 1075.1 | 1071.0 | 1063.8 |
| 80° | 972.3 | 984.5 | 999.1 | 1011.4 | 995.4 | 979.3 | 963.8 | 952.2 | 938.5 | 932.9 | 923.9 |
| 82.5° | 806.6 | 819.2 | 827.5 | 835.4 | 824.3 | 812.6 | 797.4 | 787.3 | 772.5 | 767.1 | 756.6 |
| 85° | 612.8 | 628.4 | 633.4 | 637.5 | 630.5 | 624.2 | 610.1 | 590.9 | 581.6 | 567.0 | 559.4 |
| 87.5° | 403.1 | 412.4 | 414.1 | 415.6 | 411.3 | 408.2 | 399.0 | 390.0 | 374.1 | 362.5 | 348.4 |
| 90° | 184.1 | 188.6 | 183.2 | 183.8 | 179.9 | 182.2 | 174.6 | 173.3 | 161.9 | 158.7 | 148.7 |
| 92.5° | 47.9 | 44.6 | 42.0 | 39.1 | 42.6 | 44.7 | 48.1 | 50.2 | 53.6 | 55.7 | 59.1 |
| 95° | 64.5 | 61.4 | 58.2 | 55.0 | 57.5 | 60.1 | 62.7 | 65.2 | 67.8 | 70.3 | 72.9 |
| 97.5° | 88.7 | 86.6 | 84.5 | 82.3 | 83.8 | 85.3 | 86.8 | 88.3 | 89.7 | 91.2 | 92.8 |
| 100° | 113.1 | 111.4 | 109.7 | 108.0 | 108.0 | 108.0 | 108.0 | 108.0 | 108.0 | 108.0 | 108.0 |
| 102.5° | 182.3 | 175.0 | 167.8 | 160.6 | 165.4 | 170.3 | 175.3 | 180.1 | 185.0 | 189.9 | 195.0 |
| 105° | 345.1 | 325.3 | 305.5 | 285.7 | 304.9 | 324.0 | 343.2 | 362.3 | 381.5 | 400.9 | 420.1 |
| 107.5° | 627.5 | 596.2 | 564.9 | 533.6 | 568.8 | 603.6 | 638.6 | 673.5 | 708.3 | 743.3 | 778.5 |
| 110° | 938.4 | 908.5 | 878.7 | 848.9 | 885.9 | 923.0 | 960.0 | 997.1 | 1034.3 | 1071.4 | 1108.7 |



TEST NUMBER: P1444487
 CATALOG NUMBER: EHBR1-54-UNV-TA-L830-UPL36

CANDELA DISTRIBUTION (continued):

| | 82.5° | 85° | 87.5° | 90° | 92.5° | 95° | 97.5° | 100° | 102.5° | 105° | 107.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 1146.4 | 1131.9 | 1117.5 | 1103.0 | 1126.9 | 1150.7 | 1174.5 | 1198.7 | 1222.6 | 1246.6 | 1270.5 |
| 115° | 1201.0 | 1200.1 | 1199.3 | 1198.4 | 1209.7 | 1221.0 | 1232.2 | 1243.8 | 1255.1 | 1266.4 | 1278.0 |
| 117.5° | 1135.7 | 1143.5 | 1151.7 | 1159.7 | 1163.4 | 1167.0 | 1170.8 | 1174.4 | 1178.3 | 1182.1 | 1186.1 |
| 120° | 1018.6 | 1029.0 | 1039.8 | 1050.7 | 1049.2 | 1047.7 | 1046.4 | 1044.9 | 1044.0 | 1042.7 | 1041.8 |
| 122.5° | 881.5 | 892.0 | 902.9 | 913.6 | 910.4 | 907.2 | 904.2 | 901.2 | 898.4 | 895.6 | 892.9 |
| 125° | 754.2 | 762.9 | 771.8 | 780.9 | 777.7 | 774.6 | 771.5 | 768.8 | 765.9 | 763.0 | 760.7 |
| 127.5° | 653.9 | 659.3 | 664.6 | 670.1 | 668.6 | 667.1 | 666.1 | 664.8 | 663.8 | 663.0 | 662.3 |
| 130° | 585.9 | 588.3 | 590.8 | 593.1 | 593.5 | 594.0 | 594.8 | 595.6 | 596.6 | 597.5 | 598.9 |
| 132.5° | 546.9 | 546.9 | 547.4 | 547.8 | 549.5 | 551.2 | 553.4 | 555.4 | 557.9 | 560.1 | 563.1 |
| 135° | 525.2 | 524.3 | 523.6 | 523.2 | 525.7 | 528.0 | 530.9 | 533.8 | 537.1 | 540.5 | 544.0 |
| 137.5° | 516.1 | 514.7 | 513.8 | 512.5 | 515.0 | 517.5 | 520.4 | 523.3 | 526.4 | 529.8 | 533.5 |
| 140° | 513.5 | 512.2 | 511.5 | 510.4 | 512.9 | 515.4 | 518.3 | 521.1 | 524.4 | 527.7 | 531.2 |
| 142.5° | 511.9 | 510.4 | 509.8 | 508.9 | 511.0 | 513.3 | 516.1 | 518.7 | 521.7 | 524.5 | 527.7 |
| 145° | 515.4 | 514.3 | 513.8 | 513.1 | 514.6 | 516.3 | 518.3 | 520.2 | 522.4 | 524.5 | 527.2 |
| 147.5° | 515.0 | 514.3 | 514.1 | 513.5 | 514.8 | 515.9 | 517.3 | 518.7 | 520.4 | 522.0 | 524.0 |
| 150° | 512.7 | 512.1 | 511.8 | 511.6 | 512.4 | 513.0 | 514.1 | 514.7 | 515.9 | 517.0 | 518.5 |
| 152.5° | 506.2 | 505.5 | 505.7 | 505.4 | 505.9 | 506.6 | 507.4 | 508.2 | 509.1 | 509.9 | 511.3 |
| 155° | 501.7 | 501.2 | 500.8 | 500.3 | 500.4 | 500.5 | 501.0 | 501.0 | 501.6 | 501.9 | 502.5 |
| 157.5° | 500.0 | 499.5 | 499.1 | 498.4 | 498.3 | 498.1 | 498.1 | 498.0 | 498.3 | 498.0 | 498.1 |
| 160° | 498.4 | 497.3 | 496.6 | 496.0 | 496.1 | 495.8 | 496.2 | 495.9 | 496.2 | 496.3 | 496.5 |
| 162.5° | 500.5 | 499.8 | 499.4 | 498.7 | 498.4 | 497.8 | 497.4 | 496.8 | 496.5 | 496.2 | 496.0 |
| 165° | 502.0 | 501.1 | 500.4 | 499.5 | 499.3 | 499.0 | 498.8 | 498.5 | 498.4 | 498.0 | 498.2 |
| 167.5° | 507.1 | 506.1 | 505.4 | 504.5 | 504.0 | 503.2 | 502.7 | 502.1 | 501.6 | 501.0 | 500.8 |
| 170° | 509.6 | 508.7 | 508.2 | 507.5 | 507.1 | 506.7 | 506.5 | 506.0 | 505.8 | 505.7 | 505.7 |
| 172.5° | 515.6 | 514.8 | 514.3 | 513.8 | 513.4 | 513.1 | 512.9 | 512.8 | 512.5 | 512.5 | 512.3 |
| 175° | 519.5 | 519.2 | 519.0 | 518.7 | 518.4 | 518.2 | 517.7 | 517.5 | 517.3 | 517.1 | 516.8 |
| 177.5° | 521.7 | 521.3 | 521.1 | 520.9 | 520.7 | 520.7 | 520.7 | 520.7 | 520.7 | 520.5 | 520.4 |
| 180° | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 |



TEST NUMBER: P1444487
 CATALOG NUMBER: EHBR1-54-UNV-TA-L830-UPL36

CANDELA DISTRIBUTION (continued):

| | 110° | 112.5° | 115° | 117.5° | 120° | 122.5° | 125° | 127.5° | 130° | 132.5° | 135° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 |
| 2.5° | 43421.9 | 43410.5 | 43380.4 | 43365.6 | 43337.8 | 43323.7 | 43302.1 | 43288.0 | 43270.5 | 43257.5 | 43250.8 |
| 5° | 44624.9 | 44569.5 | 44458.2 | 44389.6 | 44269.5 | 44190.4 | 44071.0 | 43983.5 | 43860.3 | 43769.4 | 43653.0 |
| 7.5° | 46190.2 | 46105.0 | 45962.4 | 45854.3 | 45686.3 | 45557.8 | 45369.1 | 45218.2 | 45009.8 | 44836.8 | 44623.8 |
| 10° | 46827.5 | 46777.7 | 46713.8 | 46644.3 | 46551.2 | 46459.7 | 46330.9 | 46199.7 | 46024.7 | 45850.7 | 45623.2 |
| 12.5° | 45885.6 | 45932.4 | 46024.7 | 46067.8 | 46138.4 | 46162.4 | 46194.7 | 46179.6 | 46151.0 | 46079.9 | 45976.8 |
| 15° | 43218.1 | 43413.5 | 43722.3 | 43935.9 | 44235.2 | 44445.4 | 44723.5 | 44902.5 | 45108.7 | 45231.9 | 45349.0 |
| 17.5° | 38830.1 | 39208.1 | 39753.0 | 40187.7 | 40771.4 | 41245.9 | 41827.3 | 42284.1 | 42811.5 | 43216.2 | 43646.9 |
| 20° | 33209.8 | 33739.1 | 34491.3 | 35130.2 | 35975.9 | 36693.0 | 37611.8 | 38381.4 | 39279.2 | 40027.5 | 40835.3 |
| 22.5° | 27160.8 | 27783.4 | 28645.4 | 29415.9 | 30425.8 | 31327.9 | 32479.0 | 33496.5 | 34710.2 | 35797.5 | 37000.3 |
| 25° | 21454.3 | 22064.6 | 22942.5 | 23740.4 | 24830.7 | 25824.3 | 27081.8 | 28249.3 | 29657.7 | 30971.1 | 32479.0 |
| 27.5° | 16560.6 | 17102.7 | 17874.6 | 18592.7 | 19591.2 | 20566.7 | 21842.9 | 23087.8 | 24590.7 | 26002.2 | 27627.1 |
| 30° | 12789.5 | 13229.2 | 13847.6 | 14425.4 | 15227.0 | 16024.7 | 17161.5 | 18312.8 | 19808.3 | 21271.0 | 22936.9 |
| 32.5° | 9911.5 | 10286.4 | 10802.7 | 11271.7 | 11889.3 | 12490.8 | 13328.0 | 14248.0 | 15559.8 | 16960.8 | 18571.7 |
| 35° | 7672.6 | 7993.3 | 8432.7 | 8836.7 | 9344.7 | 9822.2 | 10446.9 | 11103.6 | 12104.6 | 13283.1 | 14724.7 |
| 37.5° | 6117.0 | 6247.8 | 6561.4 | 6892.4 | 7314.3 | 7706.7 | 8195.4 | 8680.9 | 9397.1 | 10326.9 | 11504.6 |
| 40° | 4651.9 | 4859.6 | 5114.8 | 5375.5 | 5694.9 | 6009.7 | 6545.8 | 6803.9 | 7275.5 | 7943.0 | 8857.1 |
| 42.5° | 3753.5 | 3899.5 | 4079.2 | 4260.4 | 4483.0 | 4702.3 | 4973.5 | 5249.6 | 5602.2 | 6054.2 | 6704.4 |
| 45° | 3141.0 | 3236.2 | 3352.0 | 3472.8 | 3619.0 | 3768.6 | 3950.2 | 4139.8 | 4378.6 | 4656.6 | 5051.4 |
| 47.5° | 2731.8 | 2784.5 | 2860.1 | 2942.5 | 3042.7 | 3146.3 | 3264.3 | 3385.2 | 3533.6 | 3698.5 | 3923.3 |
| 50° | 2412.4 | 2456.3 | 2515.1 | 2570.1 | 2639.4 | 2745.5 | 2792.3 | 2859.0 | 2948.3 | 3045.3 | 3171.0 |
| 52.5° | 2181.3 | 2210.5 | 2247.4 | 2279.1 | 2322.9 | 2362.6 | 2414.6 | 2460.6 | 2522.5 | 2580.6 | 2661.8 |
| 55° | 2001.3 | 2012.0 | 2032.8 | 2053.3 | 2083.5 | 2110.7 | 2146.4 | 2176.4 | 2215.9 | 2250.7 | 2301.9 |
| 57.5° | 1862.4 | 1863.3 | 1872.9 | 1883.5 | 1903.0 | 1920.1 | 1944.7 | 1964.5 | 1991.8 | 2014.0 | 2044.7 |
| 60° | 1762.4 | 1757.2 | 1759.0 | 1762.8 | 1773.8 | 1784.8 | 1800.5 | 1813.5 | 1830.6 | 1843.2 | 1860.4 |
| 62.5° | 1679.3 | 1670.9 | 1669.0 | 1668.1 | 1673.5 | 1677.6 | 1686.1 | 1692.4 | 1702.2 | 1707.6 | 1716.8 |
| 65° | 1574.3 | 1564.5 | 1560.7 | 1556.1 | 1557.7 | 1556.4 | 1559.6 | 1559.8 | 1564.8 | 1565.9 | 1571.2 |
| 67.5° | 1479.1 | 1470.8 | 1465.9 | 1459.8 | 1457.1 | 1452.6 | 1450.8 | 1446.6 | 1445.9 | 1442.4 | 1441.6 |
| 70° | 1392.2 | 1384.2 | 1380.0 | 1374.3 | 1371.4 | 1365.6 | 1362.2 | 1355.0 | 1350.9 | 1344.3 | 1340.6 |
| 72.5° | 1291.7 | 1287.2 | 1285.9 | 1282.1 | 1281.0 | 1277.9 | 1276.5 | 1271.4 | 1268.5 | 1262.9 | 1259.7 |
| 75° | 1186.6 | 1183.0 | 1182.6 | 1178.8 | 1178.5 | 1174.6 | 1173.6 | 1168.4 | 1165.5 | 1159.9 | 1157.6 |
| 77.5° | 1061.6 | 1056.0 | 1054.5 | 1050.0 | 1051.1 | 1049.1 | 1050.8 | 1046.8 | 1045.0 | 1039.4 | 1037.6 |
| 80° | 920.6 | 913.6 | 910.7 | 904.7 | 906.4 | 903.5 | 906.4 | 906.0 | 908.0 | 903.5 | 902.8 |
| 82.5° | 753.7 | 746.0 | 744.5 | 740.4 | 743.1 | 743.4 | 749.4 | 746.1 | 747.4 | 743.2 | 745.0 |
| 85° | 548.4 | 542.6 | 534.6 | 533.5 | 528.4 | 533.6 | 526.7 | 531.4 | 523.8 | 529.1 | 522.1 |
| 87.5° | 340.0 | 328.1 | 321.9 | 313.3 | 310.1 | 301.9 | 298.5 | 292.5 | 294.3 | 291.6 | 293.2 |
| 90° | 147.7 | 139.0 | 139.1 | 133.3 | 134.9 | 130.0 | 133.4 | 130.6 | 134.6 | 131.8 | 136.3 |
| 92.5° | 61.3 | 64.1 | 69.1 | 74.7 | 79.4 | 84.5 | 89.5 | 95.1 | 99.9 | 105.3 | 110.1 |
| 95° | 75.5 | 78.0 | 84.9 | 91.6 | 98.4 | 105.3 | 112.1 | 119.0 | 125.8 | 132.5 | 139.4 |
| 97.5° | 94.3 | 95.8 | 102.7 | 109.4 | 116.2 | 123.1 | 129.8 | 137.0 | 143.9 | 150.6 | 157.5 |
| 100° | 108.0 | 108.2 | 127.6 | 147.0 | 166.3 | 185.8 | 205.2 | 224.6 | 244.2 | 263.6 | 283.0 |
| 102.5° | 199.9 | 204.8 | 253.8 | 302.8 | 351.7 | 400.7 | 449.9 | 499.1 | 548.0 | 597.2 | 646.4 |
| 105° | 439.2 | 458.6 | 533.4 | 608.3 | 683.0 | 757.8 | 832.7 | 907.8 | 982.6 | 1057.5 | 1132.5 |
| 107.5° | 813.3 | 848.5 | 916.1 | 983.8 | 1051.3 | 1119.1 | 1186.8 | 1254.5 | 1322.2 | 1390.0 | 1458.0 |
| 110° | 1145.8 | 1183.0 | 1228.3 | 1273.7 | 1319.3 | 1364.6 | 1409.9 | 1455.4 | 1501.1 | 1546.5 | 1592.3 |



TEST NUMBER: P1444487
 CATALOG NUMBER: EHBR1-54-UNV-TA-L830-UPL36

CANDELA DISTRIBUTION (continued):

| | 110° | 112.5° | 115° | 117.5° | 120° | 122.5° | 125° | 127.5° | 130° | 132.5° | 135° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 1294.3 | 1318.6 | 1344.9 | 1371.6 | 1398.1 | 1424.7 | 1451.3 | 1477.9 | 1504.8 | 1531.5 | 1558.3 |
| 115° | 1289.7 | 1301.3 | 1311.4 | 1322.1 | 1332.4 | 1343.0 | 1353.5 | 1364.3 | 1375.1 | 1385.8 | 1396.5 |
| 117.5° | 1189.8 | 1194.1 | 1195.7 | 1197.6 | 1199.4 | 1201.6 | 1203.5 | 1205.7 | 1208.0 | 1210.1 | 1212.1 |
| 120° | 1040.6 | 1039.6 | 1038.1 | 1036.7 | 1035.3 | 1034.1 | 1032.9 | 1031.8 | 1030.8 | 1029.8 | 1028.6 |
| 122.5° | 890.2 | 887.7 | 886.2 | 885.1 | 884.0 | 882.9 | 881.9 | 881.2 | 880.2 | 879.4 | 878.4 |
| 125° | 758.2 | 755.9 | 757.7 | 759.7 | 761.6 | 763.8 | 765.8 | 768.2 | 770.3 | 772.7 | 774.9 |
| 127.5° | 661.5 | 661.1 | 665.4 | 669.8 | 674.3 | 679.0 | 683.7 | 688.5 | 693.0 | 697.9 | 702.3 |
| 130° | 600.3 | 601.8 | 607.3 | 613.1 | 618.7 | 624.5 | 630.4 | 636.4 | 642.0 | 647.8 | 653.6 |
| 132.5° | 565.6 | 568.8 | 573.9 | 579.5 | 585.1 | 590.7 | 596.4 | 602.0 | 607.7 | 613.5 | 618.9 |
| 135° | 547.7 | 551.5 | 556.5 | 561.7 | 566.7 | 572.1 | 577.2 | 582.6 | 587.5 | 592.8 | 597.8 |
| 137.5° | 537.0 | 540.9 | 545.2 | 549.3 | 553.4 | 557.9 | 562.1 | 566.4 | 570.5 | 574.9 | 579.0 |
| 140° | 534.8 | 538.6 | 541.0 | 543.9 | 546.5 | 549.1 | 551.5 | 554.4 | 556.9 | 559.7 | 562.1 |
| 142.5° | 530.9 | 534.6 | 536.0 | 538.0 | 539.6 | 541.9 | 543.7 | 545.6 | 547.1 | 548.9 | 550.5 |
| 145° | 529.5 | 532.3 | 532.7 | 533.5 | 533.9 | 534.7 | 535.0 | 535.8 | 536.0 | 536.5 | 536.8 |
| 147.5° | 525.9 | 527.9 | 527.7 | 528.1 | 528.2 | 528.2 | 528.5 | 528.6 | 528.4 | 528.6 | 528.6 |
| 150° | 519.6 | 521.1 | 520.6 | 520.5 | 520.1 | 519.9 | 519.2 | 519.0 | 518.5 | 518.3 | 517.8 |
| 152.5° | 512.3 | 513.5 | 512.7 | 512.5 | 511.7 | 511.3 | 510.5 | 510.2 | 509.5 | 509.0 | 508.6 |
| 155° | 502.7 | 503.3 | 502.8 | 502.6 | 502.2 | 502.0 | 501.5 | 501.6 | 501.3 | 501.0 | 501.0 |
| 157.5° | 498.3 | 498.3 | 498.1 | 497.9 | 497.5 | 497.5 | 497.2 | 497.2 | 497.1 | 497.4 | 497.5 |
| 160° | 496.5 | 496.7 | 496.4 | 496.1 | 495.9 | 495.7 | 495.4 | 495.6 | 495.6 | 495.9 | 496.1 |
| 162.5° | 495.5 | 495.3 | 495.0 | 494.8 | 494.5 | 494.5 | 494.5 | 494.8 | 494.7 | 495.0 | 495.2 |
| 165° | 498.2 | 498.4 | 497.7 | 497.6 | 497.1 | 496.9 | 496.5 | 496.5 | 496.5 | 496.6 | 496.6 |
| 167.5° | 500.5 | 500.3 | 500.3 | 500.4 | 500.4 | 500.6 | 500.8 | 501.4 | 501.5 | 502.2 | 502.4 |
| 170° | 505.5 | 505.7 | 505.4 | 505.4 | 505.1 | 505.0 | 505.0 | 505.0 | 505.0 | 505.2 | 505.1 |
| 172.5° | 512.3 | 512.3 | 511.8 | 511.4 | 511.0 | 510.8 | 510.3 | 510.2 | 509.8 | 509.6 | 509.1 |
| 175° | 516.4 | 516.2 | 516.0 | 515.8 | 515.6 | 515.2 | 514.9 | 514.4 | 514.3 | 514.0 | 513.8 |
| 177.5° | 520.2 | 519.9 | 519.8 | 519.8 | 519.6 | 519.4 | 519.4 | 519.2 | 519.2 | 519.2 | 518.9 |
| 180° | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 |



TEST NUMBER: P1444487
 CATALOG NUMBER: EHBR1-54-UNV-TA-L830-UPL36

CANDELA DISTRIBUTION (continued):

| | 137.5° | 140° | 142.5° | 145° | 147.5° | 150° | 152.5° | 155° | 157.5° | 160° | 162.5° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 |
| 2.5° | 43242.0 | 43241.6 | 43237.4 | 43239.3 | 43240.1 | 43243.2 | 43246.9 | 43250.8 | 43251.5 | 43254.6 | 43255.2 |
| 5° | 43565.7 | 43458.7 | 43379.5 | 43292.5 | 43227.1 | 43168.2 | 43129.0 | 43097.8 | 43085.7 | 43088.8 | 43096.0 |
| 7.5° | 44443.2 | 44222.4 | 44040.1 | 43833.0 | 43660.2 | 43477.3 | 43325.7 | 43181.5 | 43076.5 | 42998.2 | 42954.5 |
| 10° | 45406.1 | 45137.2 | 44879.9 | 44580.0 | 44295.7 | 43992.2 | 43717.3 | 43440.5 | 43209.7 | 43009.4 | 42862.1 |
| 12.5° | 45833.4 | 45643.4 | 45420.9 | 45138.0 | 44833.7 | 44483.6 | 44129.9 | 43750.8 | 43398.2 | 43070.9 | 42806.9 |
| 15° | 45381.0 | 45381.4 | 45300.3 | 45164.5 | 44953.2 | 44673.3 | 44336.4 | 43941.2 | 43525.3 | 43100.9 | 42713.1 |
| 17.5° | 43944.8 | 44215.7 | 44366.5 | 44461.8 | 44432.6 | 44329.5 | 44115.1 | 43811.6 | 43423.8 | 42971.7 | 42498.5 |
| 20° | 41478.3 | 42117.4 | 42573.1 | 42982.9 | 43212.6 | 43365.2 | 43349.9 | 43226.5 | 42950.3 | 42565.9 | 42073.1 |
| 22.5° | 38023.2 | 39096.0 | 39942.5 | 40731.8 | 41285.4 | 41735.8 | 41949.9 | 42040.7 | 41915.7 | 41647.9 | 41185.1 |
| 25° | 33826.6 | 35285.3 | 36530.0 | 37738.0 | 38644.2 | 39423.0 | 39891.0 | 40220.7 | 40246.9 | 40107.0 | 39694.2 |
| 27.5° | 29163.4 | 30885.2 | 32460.6 | 34066.1 | 35340.4 | 36460.0 | 37194.6 | 37732.2 | 37903.1 | 37880.5 | 37505.6 |
| 30° | 24506.2 | 26313.7 | 28050.3 | 29922.4 | 31499.3 | 32929.6 | 33900.0 | 34627.1 | 34907.3 | 34961.0 | 34600.4 |
| 32.5° | 20108.0 | 21890.3 | 23622.1 | 25579.4 | 27314.6 | 28953.9 | 30100.3 | 30964.0 | 31289.8 | 31366.6 | 30971.1 |
| 35° | 16116.3 | 17760.7 | 19406.4 | 21303.3 | 23028.6 | 24726.1 | 25934.1 | 26838.4 | 27142.6 | 27194.0 | 26736.1 |
| 37.5° | 12654.7 | 14055.8 | 15489.8 | 17191.8 | 18776.2 | 20370.4 | 21518.2 | 22368.0 | 22589.7 | 22576.0 | 22057.8 |
| 40° | 9740.2 | 10829.4 | 11981.6 | 13382.9 | 14700.1 | 16047.8 | 17017.0 | 17719.5 | 17836.0 | 17749.7 | 17205.3 |
| 42.5° | 7324.0 | 8110.8 | 8946.1 | 9921.1 | 10969.4 | 11978.1 | 12683.2 | 13204.8 | 13221.4 | 13085.0 | 12596.3 |
| 45° | 5456.4 | 6224.0 | 6574.3 | 7206.7 | 7836.2 | 8506.9 | 8937.4 | 9259.6 | 9209.7 | 9089.7 | 8718.4 |
| 47.5° | 4159.5 | 4454.5 | 4767.4 | 5159.5 | 5526.2 | 6287.3 | 6230.9 | 6748.2 | 6375.6 | 6629.7 | 6070.3 |
| 50° | 3303.1 | 3468.0 | 3636.6 | 3844.6 | 4036.2 | 4235.1 | 4359.5 | 4452.3 | 4440.3 | 4400.4 | 4293.2 |
| 52.5° | 2810.1 | 2861.2 | 2944.2 | 3062.5 | 3169.4 | 3277.1 | 3347.8 | 3405.4 | 3406.5 | 3390.4 | 3336.3 |
| 55° | 2348.7 | 2413.3 | 2473.0 | 2550.4 | 2682.2 | 2702.4 | 2803.9 | 2783.3 | 2791.3 | 2763.2 | 2792.0 |
| 57.5° | 2070.8 | 2108.4 | 2142.1 | 2188.1 | 2226.2 | 2270.6 | 2296.8 | 2322.0 | 2319.6 | 2314.1 | 2286.5 |
| 60° | 1873.9 | 1894.7 | 1913.3 | 1940.2 | 1961.1 | 1986.2 | 1998.3 | 2011.1 | 2006.9 | 1997.6 | 1973.0 |
| 62.5° | 1722.0 | 1735.2 | 1745.7 | 1763.1 | 1775.8 | 1791.5 | 1797.6 | 1803.2 | 1797.6 | 1788.8 | 1767.1 |
| 65° | 1572.4 | 1580.7 | 1587.4 | 1600.5 | 1609.5 | 1622.8 | 1628.2 | 1633.3 | 1628.3 | 1621.4 | 1604.9 |
| 67.5° | 1437.3 | 1438.0 | 1437.4 | 1442.7 | 1445.4 | 1453.5 | 1455.9 | 1459.6 | 1453.8 | 1447.9 | 1433.9 |
| 70° | 1334.8 | 1332.7 | 1330.1 | 1332.2 | 1332.7 | 1336.6 | 1337.2 | 1336.6 | 1329.7 | 1319.4 | 1304.1 |
| 72.5° | 1254.7 | 1253.6 | 1251.6 | 1253.4 | 1253.4 | 1257.0 | 1255.8 | 1254.1 | 1245.5 | 1235.5 | 1220.4 |
| 75° | 1151.8 | 1150.9 | 1147.1 | 1147.3 | 1144.0 | 1145.1 | 1141.0 | 1138.6 | 1129.1 | 1120.7 | 1107.2 |
| 77.5° | 1031.3 | 1029.3 | 1023.7 | 1021.7 | 1015.5 | 1013.0 | 1005.1 | 1001.2 | 991.6 | 984.9 | 973.2 |
| 80° | 896.8 | 894.7 | 887.5 | 883.5 | 873.9 | 867.7 | 856.2 | 849.5 | 838.4 | 831.9 | 820.6 |
| 82.5° | 741.3 | 742.1 | 734.8 | 729.9 | 716.0 | 705.4 | 690.0 | 681.6 | 669.4 | 663.0 | 651.4 |
| 85° | 527.2 | 519.7 | 523.7 | 523.3 | 514.7 | 505.5 | 493.0 | 484.1 | 473.8 | 467.7 | 459.5 |
| 87.5° | 289.2 | 290.9 | 288.9 | 287.1 | 281.0 | 276.3 | 266.5 | 261.3 | 253.8 | 250.1 | 244.0 |
| 90° | 126.2 | 123.5 | 113.8 | 111.3 | 101.9 | 96.8 | 86.1 | 82.1 | 72.1 | 70.0 | 63.6 |
| 92.5° | 104.3 | 98.5 | 93.2 | 87.0 | 81.7 | 75.9 | 70.2 | 64.4 | 58.6 | 56.4 | 54.8 |
| 95° | 131.0 | 123.0 | 114.7 | 106.4 | 98.1 | 89.8 | 81.7 | 73.4 | 65.1 | 63.4 | 61.7 |
| 97.5° | 147.9 | 138.1 | 128.3 | 118.6 | 108.8 | 99.0 | 89.5 | 79.6 | 69.9 | 68.8 | 67.7 |
| 100° | 260.6 | 238.2 | 215.6 | 193.1 | 170.7 | 148.1 | 125.7 | 103.1 | 80.7 | 79.4 | 78.2 |
| 102.5° | 591.7 | 537.2 | 482.6 | 428.1 | 373.6 | 318.9 | 264.3 | 209.6 | 155.1 | 147.3 | 139.4 |
| 105° | 1049.8 | 967.2 | 884.8 | 802.2 | 719.5 | 636.8 | 554.3 | 471.5 | 388.9 | 362.4 | 335.8 |
| 107.5° | 1380.3 | 1302.6 | 1225.2 | 1147.6 | 1069.8 | 992.3 | 914.7 | 836.9 | 759.1 | 712.5 | 665.8 |
| 110° | 1530.7 | 1469.0 | 1407.8 | 1346.1 | 1284.6 | 1223.1 | 1161.4 | 1099.7 | 1038.2 | 997.9 | 957.9 |



TEST NUMBER: P1444487
 CATALOG NUMBER: EHBR1-54-UNV-TA-L830-UPL36

CANDELA DISTRIBUTION (continued):

| | 137.5° | 140° | 142.5° | 145° | 147.5° | 150° | 152.5° | 155° | 157.5° | 160° | 162.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 1513.3 | 1468.3 | 1423.5 | 1378.4 | 1333.3 | 1288.2 | 1243.3 | 1198.0 | 1152.8 | 1128.5 | 1104.2 |
| 115° | 1369.7 | 1342.7 | 1315.8 | 1288.7 | 1261.7 | 1234.7 | 1207.7 | 1180.3 | 1153.1 | 1140.3 | 1127.7 |
| 117.5° | 1198.8 | 1185.1 | 1171.6 | 1158.0 | 1144.3 | 1130.4 | 1116.8 | 1103.0 | 1089.2 | 1084.9 | 1080.5 |
| 120° | 1025.1 | 1021.3 | 1017.1 | 1013.2 | 1009.3 | 1005.4 | 1001.2 | 997.1 | 992.9 | 993.8 | 994.5 |
| 122.5° | 880.5 | 882.5 | 884.6 | 886.2 | 888.5 | 890.2 | 892.2 | 893.7 | 895.5 | 899.3 | 903.0 |
| 125° | 779.4 | 783.7 | 788.1 | 792.5 | 796.9 | 801.3 | 805.7 | 809.7 | 814.2 | 817.7 | 821.8 |
| 127.5° | 707.7 | 712.4 | 717.4 | 722.1 | 727.3 | 731.9 | 736.8 | 741.4 | 746.3 | 749.7 | 753.6 |
| 130° | 658.2 | 662.3 | 666.8 | 671.0 | 675.4 | 679.7 | 683.9 | 688.2 | 692.4 | 695.4 | 698.3 |
| 132.5° | 622.8 | 626.8 | 630.9 | 634.5 | 638.6 | 642.3 | 646.4 | 650.2 | 654.4 | 656.4 | 658.9 |
| 135° | 601.1 | 603.9 | 607.1 | 609.9 | 613.3 | 616.1 | 619.2 | 622.3 | 625.6 | 627.2 | 629.2 |
| 137.5° | 581.6 | 583.9 | 586.7 | 589.1 | 591.8 | 594.2 | 597.2 | 599.6 | 602.7 | 603.5 | 605.1 |
| 140° | 564.7 | 567.4 | 570.0 | 572.6 | 575.4 | 578.0 | 581.1 | 583.9 | 587.0 | 588.0 | 589.4 |
| 142.5° | 552.7 | 554.6 | 556.8 | 558.7 | 561.2 | 563.1 | 565.7 | 568.2 | 570.7 | 571.9 | 573.1 |
| 145° | 539.4 | 541.6 | 544.1 | 546.4 | 548.7 | 551.3 | 554.3 | 557.2 | 560.1 | 560.9 | 561.8 |
| 147.5° | 530.6 | 532.4 | 534.7 | 536.8 | 539.0 | 541.0 | 543.9 | 546.2 | 548.9 | 549.8 | 550.5 |
| 150° | 520.1 | 522.0 | 524.2 | 526.3 | 528.7 | 531.2 | 533.8 | 536.5 | 539.5 | 540.7 | 541.7 |
| 152.5° | 510.8 | 512.9 | 515.3 | 517.8 | 520.3 | 523.1 | 525.9 | 528.7 | 531.6 | 532.5 | 533.8 |
| 155° | 503.3 | 505.3 | 507.9 | 510.3 | 512.9 | 515.3 | 518.2 | 520.9 | 523.7 | 524.9 | 526.1 |
| 157.5° | 499.6 | 501.4 | 503.8 | 506.0 | 508.3 | 510.6 | 513.2 | 515.5 | 518.1 | 519.1 | 520.1 |
| 160° | 498.0 | 499.7 | 501.9 | 503.9 | 506.0 | 508.1 | 510.4 | 512.4 | 514.6 | 515.7 | 516.6 |
| 162.5° | 497.2 | 499.1 | 501.1 | 502.8 | 505.2 | 507.1 | 509.5 | 511.3 | 513.6 | 514.3 | 515.4 |
| 165° | 498.1 | 499.6 | 501.3 | 502.6 | 504.3 | 505.7 | 507.5 | 509.0 | 510.8 | 511.4 | 512.6 |
| 167.5° | 503.9 | 504.8 | 505.8 | 506.9 | 508.4 | 509.6 | 511.0 | 512.1 | 513.5 | 514.3 | 515.3 |
| 170° | 506.3 | 507.2 | 508.1 | 509.3 | 510.4 | 511.5 | 512.6 | 513.5 | 515.0 | 515.7 | 516.6 |
| 172.5° | 509.9 | 510.2 | 511.3 | 511.7 | 512.6 | 513.0 | 514.1 | 514.7 | 515.5 | 516.5 | 517.2 |
| 175° | 514.3 | 514.5 | 514.9 | 515.1 | 515.6 | 515.8 | 516.4 | 517.0 | 517.3 | 518.0 | 518.5 |
| 177.5° | 519.1 | 519.3 | 519.6 | 519.8 | 520.2 | 520.4 | 520.9 | 521.1 | 521.5 | 522.1 | 523.0 |
| 180° | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 |



TEST NUMBER: P1444487
 CATALOG NUMBER: EHBR1-54-UNV-TA-L830-UPL36

CANDELA DISTRIBUTION (continued):

| | 165° | 167.5° | 170° | 172.5° | 175° | 177.5° | 180° | 182.5° | 185° | 187.5° | 190° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 |
| 2.5° | 43253.7 | 43253.3 | 43251.9 | 43249.9 | 43248.0 | 43249.2 | 43251.0 | 43256.0 | 43264.7 | 43277.3 | 43293.7 |
| 5° | 43102.0 | 43110.8 | 43115.8 | 43116.4 | 43111.9 | 43109.2 | 43113.3 | 43125.2 | 43149.2 | 43189.5 | 43243.8 |
| 7.5° | 42942.8 | 42953.6 | 42970.4 | 42982.9 | 42985.4 | 42982.3 | 42982.9 | 43001.6 | 43045.8 | 43124.1 | 43234.0 |
| 10° | 42772.7 | 42740.4 | 42757.5 | 42788.7 | 42813.4 | 42817.9 | 42821.0 | 42843.0 | 42907.6 | 43026.0 | 43202.5 |
| 12.5° | 42615.8 | 42513.5 | 42493.7 | 42521.8 | 42559.5 | 42571.5 | 42568.2 | 42577.6 | 42653.4 | 42810.0 | 43055.9 |
| 15° | 42409.2 | 42216.7 | 42151.0 | 42158.2 | 42204.6 | 42221.4 | 42209.1 | 42190.5 | 42264.3 | 42455.6 | 42773.9 |
| 17.5° | 42075.0 | 41764.6 | 41643.6 | 41638.3 | 41692.7 | 41707.1 | 41677.3 | 41619.4 | 41692.1 | 41930.7 | 42325.9 |
| 20° | 41566.9 | 41108.7 | 40881.0 | 40844.7 | 40903.8 | 40886.6 | 40826.9 | 40739.4 | 40835.0 | 41125.1 | 41595.0 |
| 22.5° | 40653.5 | 40072.9 | 39683.9 | 39558.3 | 39629.0 | 39581.9 | 39494.8 | 39383.1 | 39510.0 | 39839.7 | 40363.1 |
| 25° | 39161.0 | 38490.1 | 37957.4 | 37658.6 | 37714.9 | 37630.4 | 37535.7 | 37400.3 | 37551.6 | 37930.1 | 38506.1 |
| 27.5° | 36967.1 | 36192.2 | 35532.1 | 35037.4 | 35055.6 | 34945.0 | 34835.8 | 34660.6 | 34849.5 | 35297.4 | 35947.2 |
| 30° | 34049.8 | 33153.2 | 32349.3 | 31677.0 | 31616.8 | 31509.6 | 31397.8 | 31167.8 | 31404.2 | 31940.5 | 32699.8 |
| 32.5° | 30386.3 | 29390.7 | 28461.9 | 27611.8 | 27451.5 | 27346.7 | 27247.2 | 26982.5 | 27292.0 | 27917.3 | 28789.7 |
| 35° | 26101.9 | 25041.3 | 24034.4 | 23063.5 | 22797.8 | 22693.1 | 22606.1 | 22352.4 | 22738.8 | 23419.1 | 24361.3 |
| 37.5° | 21399.1 | 20315.7 | 19316.0 | 18320.4 | 17945.0 | 17803.0 | 17739.8 | 17573.6 | 18019.3 | 18692.2 | 19638.3 |
| 40° | 16571.3 | 15564.0 | 14667.6 | 13788.3 | 13360.3 | 13143.1 | 13109.9 | 13079.6 | 13510.5 | 14094.4 | 14953.1 |
| 42.5° | 12055.0 | 11242.3 | 10551.1 | 9879.0 | 9491.2 | 9194.5 | 9194.3 | 9284.4 | 9672.3 | 10109.6 | 10771.8 |
| 45° | 8338.8 | 7793.4 | 7353.0 | 6903.9 | 7023.9 | 6432.4 | 6780.0 | 6601.5 | 6793.3 | 7075.2 | 7505.8 |
| 47.5° | 5732.1 | 5434.4 | 5192.5 | 4941.6 | 4758.7 | 4584.1 | 4599.3 | 4711.9 | 4892.5 | 5059.8 | 5283.9 |
| 50° | 4177.7 | 4026.1 | 3902.9 | 3772.6 | 3681.5 | 3604.5 | 3609.0 | 3657.8 | 3752.6 | 3840.8 | 3958.1 |
| 52.5° | 3273.5 | 3189.9 | 3123.0 | 3051.0 | 3003.2 | 2964.9 | 2966.9 | 2990.6 | 3042.0 | 3092.3 | 3159.5 |
| 55° | 2698.2 | 2688.1 | 2601.1 | 2536.4 | 2511.8 | 2486.0 | 2490.7 | 2500.1 | 2534.9 | 2564.4 | 2608.9 |
| 57.5° | 2261.0 | 2222.0 | 2195.9 | 2161.8 | 2146.2 | 2128.2 | 2132.2 | 2135.8 | 2159.1 | 2178.9 | 2210.9 |
| 60° | 1952.4 | 1924.7 | 1906.3 | 1883.1 | 1872.8 | 1861.3 | 1864.0 | 1866.0 | 1881.0 | 1893.8 | 1916.9 |
| 62.5° | 1747.3 | 1722.6 | 1706.5 | 1688.6 | 1681.4 | 1673.7 | 1675.5 | 1676.1 | 1685.4 | 1694.9 | 1712.3 |
| 65° | 1590.1 | 1570.4 | 1557.1 | 1541.6 | 1534.0 | 1526.0 | 1526.8 | 1526.8 | 1534.7 | 1541.6 | 1554.7 |
| 67.5° | 1423.7 | 1408.9 | 1400.3 | 1388.0 | 1382.9 | 1374.7 | 1374.5 | 1371.9 | 1377.1 | 1379.9 | 1388.7 |
| 70° | 1290.2 | 1275.3 | 1264.2 | 1252.5 | 1246.0 | 1238.8 | 1238.9 | 1239.1 | 1245.1 | 1251.3 | 1262.8 |
| 72.5° | 1207.7 | 1193.5 | 1183.6 | 1173.3 | 1167.2 | 1161.1 | 1159.9 | 1159.4 | 1163.7 | 1167.0 | 1174.6 |
| 75° | 1098.5 | 1087.1 | 1081.3 | 1071.7 | 1066.8 | 1059.9 | 1058.8 | 1055.6 | 1057.6 | 1058.3 | 1063.9 |
| 77.5° | 966.0 | 955.3 | 950.6 | 940.7 | 936.7 | 928.8 | 928.2 | 924.6 | 926.3 | 925.1 | 929.5 |
| 80° | 814.9 | 805.2 | 802.6 | 794.5 | 792.6 | 785.3 | 784.2 | 779.9 | 781.2 | 777.8 | 779.4 |
| 82.5° | 646.4 | 637.4 | 635.5 | 628.1 | 628.1 | 621.5 | 621.1 | 614.6 | 614.6 | 609.0 | 600.0 |
| 85° | 455.3 | 448.8 | 446.0 | 439.9 | 438.1 | 432.9 | 430.0 | 423.8 | 421.5 | 417.5 | 416.3 |
| 87.5° | 240.3 | 236.1 | 232.4 | 229.5 | 224.2 | 214.7 | 213.9 | 207.3 | 207.8 | 203.2 | 203.5 |
| 90° | 62.1 | 56.3 | 55.1 | 49.6 | 48.1 | 44.1 | 42.8 | 43.2 | 44.3 | 44.9 | 46.2 |
| 92.5° | 52.9 | 51.0 | 49.1 | 47.1 | 45.2 | 43.3 | 41.4 | 43.3 | 45.2 | 47.1 | 49.1 |
| 95° | 59.9 | 58.3 | 56.6 | 54.9 | 53.1 | 51.4 | 49.7 | 51.4 | 53.1 | 55.0 | 56.7 |
| 97.5° | 66.7 | 65.6 | 64.5 | 63.4 | 62.4 | 61.3 | 60.2 | 61.4 | 62.6 | 63.6 | 64.7 |
| 100° | 76.9 | 75.6 | 74.4 | 73.1 | 71.8 | 70.5 | 69.2 | 70.8 | 72.0 | 73.3 | 74.7 |
| 102.5° | 131.7 | 123.8 | 115.9 | 108.0 | 100.1 | 92.3 | 84.4 | 92.3 | 100.1 | 108.1 | 116.0 |
| 105° | 309.2 | 282.8 | 256.1 | 229.5 | 202.9 | 176.3 | 149.7 | 176.5 | 203.1 | 229.7 | 256.4 |
| 107.5° | 619.0 | 572.4 | 525.6 | 478.9 | 431.9 | 385.3 | 338.4 | 385.5 | 432.3 | 479.1 | 526.0 |
| 110° | 917.4 | 877.0 | 836.9 | 796.6 | 756.1 | 715.8 | 675.4 | 715.9 | 756.4 | 796.9 | 837.3 |



TEST NUMBER: P1444487
 CATALOG NUMBER: EHBR1-54-UNV-TA-L830-UPL36

CANDELA DISTRIBUTION (continued):

| | 165° | 167.5° | 170° | 172.5° | 175° | 177.5° | 180° | 182.5° | 185° | 187.5° | 190° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 1079.7 | 1055.2 | 1030.8 | 1006.4 | 981.7 | 957.3 | 932.6 | 957.6 | 982.2 | 1007.1 | 1031.7 |
| 115° | 1115.0 | 1102.0 | 1089.4 | 1076.6 | 1063.5 | 1050.6 | 1037.4 | 1051.1 | 1064.3 | 1077.5 | 1090.7 |
| 117.5° | 1076.1 | 1071.9 | 1067.4 | 1063.0 | 1058.4 | 1053.9 | 1049.2 | 1054.3 | 1059.2 | 1064.4 | 1069.0 |
| 120° | 995.1 | 996.0 | 996.7 | 997.1 | 997.8 | 998.3 | 998.5 | 998.9 | 998.9 | 998.9 | 998.7 |
| 122.5° | 906.6 | 910.3 | 913.8 | 917.2 | 920.7 | 924.1 | 927.2 | 924.7 | 922.0 | 919.4 | 916.3 |
| 125° | 825.3 | 829.4 | 833.0 | 836.7 | 840.1 | 843.8 | 846.8 | 844.6 | 841.9 | 839.1 | 836.0 |
| 127.5° | 757.0 | 760.5 | 763.8 | 767.4 | 770.4 | 773.5 | 776.4 | 774.6 | 772.2 | 769.9 | 767.2 |
| 130° | 700.9 | 704.0 | 706.5 | 709.3 | 711.5 | 713.9 | 715.8 | 714.8 | 713.3 | 712.1 | 710.1 |
| 132.5° | 661.0 | 663.5 | 665.7 | 667.9 | 669.5 | 671.4 | 672.7 | 672.5 | 671.6 | 670.9 | 669.6 |
| 135° | 631.0 | 632.6 | 634.2 | 635.9 | 637.1 | 638.4 | 639.0 | 639.5 | 639.2 | 639.0 | 638.4 |
| 137.5° | 606.1 | 607.5 | 608.3 | 609.2 | 609.9 | 610.5 | 610.6 | 611.6 | 612.0 | 612.7 | 612.6 |
| 140° | 590.3 | 591.7 | 592.7 | 593.6 | 594.4 | 595.2 | 595.2 | 596.3 | 596.7 | 597.2 | 597.1 |
| 142.5° | 574.2 | 575.4 | 576.5 | 577.5 | 578.0 | 578.8 | 579.0 | 579.9 | 580.3 | 580.8 | 580.8 |
| 145° | 562.9 | 563.6 | 564.5 | 565.2 | 565.7 | 566.0 | 565.8 | 567.1 | 567.7 | 568.3 | 568.8 |
| 147.5° | 551.4 | 552.4 | 552.8 | 553.5 | 553.9 | 554.2 | 554.2 | 555.2 | 555.9 | 556.5 | 557.1 |
| 150° | 542.9 | 544.0 | 545.0 | 545.9 | 546.6 | 547.2 | 547.3 | 548.2 | 548.5 | 548.9 | 549.0 |
| 152.5° | 534.7 | 535.6 | 536.5 | 537.3 | 538.0 | 538.4 | 538.7 | 539.5 | 540.1 | 540.7 | 540.9 |
| 155° | 527.1 | 528.2 | 529.1 | 530.1 | 530.7 | 531.6 | 532.2 | 532.9 | 533.4 | 533.6 | 534.0 |
| 157.5° | 521.0 | 522.1 | 523.0 | 523.9 | 524.6 | 525.5 | 526.1 | 527.0 | 527.5 | 528.1 | 528.4 |
| 160° | 517.4 | 518.6 | 519.2 | 520.2 | 520.9 | 521.7 | 522.4 | 523.2 | 523.8 | 524.3 | 524.9 |
| 162.5° | 516.1 | 517.2 | 517.6 | 518.6 | 519.4 | 520.2 | 520.8 | 521.7 | 522.3 | 522.9 | 523.4 |
| 165° | 513.7 | 514.7 | 515.5 | 516.5 | 517.6 | 518.6 | 519.2 | 519.9 | 520.2 | 520.5 | 520.8 |
| 167.5° | 516.1 | 517.2 | 517.9 | 518.8 | 519.5 | 520.6 | 521.5 | 521.9 | 522.1 | 522.4 | 522.7 |
| 170° | 517.3 | 518.1 | 519.0 | 519.7 | 520.5 | 521.5 | 521.9 | 522.2 | 522.5 | 522.8 | 523.1 |
| 172.5° | 517.9 | 518.9 | 519.8 | 520.8 | 521.6 | 522.4 | 523.2 | 523.3 | 523.3 | 523.2 | 523.0 |
| 175° | 519.1 | 520.0 | 520.6 | 521.3 | 521.9 | 522.6 | 523.4 | 523.2 | 523.2 | 523.0 | 522.9 |
| 177.5° | 523.7 | 524.7 | 525.5 | 526.1 | 526.9 | 527.6 | 528.4 | 527.7 | 527.3 | 526.7 | 526.1 |
| 180° | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 |



TEST NUMBER: P1444487
 CATALOG NUMBER: EHBR1-54-UNV-TA-L830-UPL36

CANDELA DISTRIBUTION (continued):

| | 192.5° | 195° | 197.5° | 200° | 202.5° | 205° | 207.5° | 210° | 212.5° | 215° | 217.5° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 |
| 2.5° | 43316.9 | 43338.5 | 43371.7 | 43401.7 | 43447.0 | 43482.7 | 43536.3 | 43576.9 | 43637.4 | 43676.7 | 43742.4 |
| 5° | 43320.7 | 43405.5 | 43517.0 | 43625.6 | 43756.4 | 43875.1 | 44022.6 | 44148.2 | 44296.5 | 44417.4 | 44569.1 |
| 7.5° | 43382.0 | 43545.3 | 43741.3 | 43938.7 | 44161.9 | 44370.7 | 44606.0 | 44818.9 | 45051.7 | 45248.7 | 45463.8 |
| 10° | 43427.1 | 43679.2 | 43967.9 | 44258.4 | 44564.1 | 44848.2 | 45134.9 | 45382.8 | 45614.4 | 45805.0 | 45973.4 |
| 12.5° | 43365.9 | 43713.1 | 44083.6 | 44441.2 | 44781.2 | 45075.3 | 45322.0 | 45512.6 | 45644.1 | 45733.4 | 45754.3 |
| 15° | 43157.6 | 43575.5 | 43978.2 | 44334.4 | 44616.6 | 44834.2 | 44946.8 | 44999.5 | 44942.9 | 44849.0 | 44642.4 |
| 17.5° | 42768.5 | 43209.3 | 43569.3 | 43850.3 | 43999.5 | 44058.5 | 43965.2 | 43802.8 | 43485.7 | 43133.7 | 42625.2 |
| 20° | 42055.2 | 42465.9 | 42727.0 | 42880.3 | 42840.5 | 42692.9 | 42340.7 | 41912.6 | 41279.4 | 40604.5 | 39713.9 |
| 22.5° | 40804.1 | 41163.0 | 41302.2 | 41313.6 | 41070.3 | 40700.9 | 40065.7 | 39331.3 | 38332.3 | 37293.8 | 36016.5 |
| 25° | 38926.0 | 39240.4 | 39262.4 | 39138.9 | 38693.6 | 38095.1 | 37162.2 | 36123.3 | 34765.9 | 33382.1 | 31781.6 |
| 27.5° | 36379.0 | 36680.5 | 36606.7 | 36376.2 | 35757.9 | 34957.1 | 33762.7 | 32420.7 | 30747.2 | 29112.7 | 27342.3 |
| 30° | 33177.1 | 33499.6 | 33413.0 | 33117.3 | 32381.9 | 31435.4 | 30030.0 | 28470.9 | 26612.8 | 24867.1 | 23073.0 |
| 32.5° | 29345.5 | 29753.2 | 29693.4 | 29412.4 | 28645.0 | 27632.1 | 26107.2 | 24453.4 | 22552.5 | 20832.2 | 19086.9 |
| 35° | 24990.4 | 25485.4 | 25511.0 | 25327.3 | 24614.9 | 23613.7 | 22107.9 | 20507.3 | 18686.5 | 17063.3 | 15451.0 |
| 37.5° | 20298.2 | 20872.1 | 20990.0 | 20940.4 | 20350.0 | 19466.2 | 18094.2 | 16658.3 | 15045.2 | 13622.7 | 12243.8 |
| 40° | 15580.0 | 16160.9 | 16362.5 | 16422.4 | 15986.6 | 15302.1 | 14176.1 | 13017.1 | 11702.1 | 10549.3 | 9454.5 |
| 42.5° | 11277.3 | 11792.3 | 11987.1 | 12109.7 | 11837.7 | 11381.2 | 10559.8 | 9718.2 | 8754.8 | 7923.3 | 7126.2 |
| 45° | 7832.3 | 8196.6 | 8344.8 | 8468.1 | 8319.9 | 8062.4 | 7543.8 | 7017.4 | 6381.4 | 5838.1 | 5323.7 |
| 47.5° | 5476.0 | 5676.9 | 5774.7 | 5834.6 | 5777.2 | 5642.8 | 5360.6 | 5055.6 | 4696.7 | 4379.1 | 4073.8 |
| 50° | 4058.9 | 4165.8 | 4217.0 | 4251.6 | 4209.8 | 4135.1 | 3982.3 | 3816.3 | 3619.2 | 3439.3 | 3263.6 |
| 52.5° | 3216.6 | 3277.9 | 3308.3 | 3326.9 | 3302.9 | 3257.3 | 3168.3 | 3069.9 | 2951.7 | 2840.6 | 2782.2 |
| 55° | 2709.8 | 2706.6 | 2776.9 | 2743.0 | 2776.9 | 2701.1 | 2685.2 | 2577.0 | 2478.8 | 2409.7 | 2334.8 |
| 57.5° | 2234.7 | 2266.6 | 2280.0 | 2295.1 | 2285.4 | 2271.5 | 2233.7 | 2195.0 | 2143.2 | 2099.9 | 2053.7 |
| 60° | 1934.4 | 1960.6 | 1975.4 | 1990.4 | 1989.4 | 1984.2 | 1962.4 | 1939.2 | 1906.9 | 1881.0 | 1853.0 |
| 62.5° | 1727.6 | 1750.2 | 1764.9 | 1779.2 | 1780.5 | 1778.3 | 1761.9 | 1745.7 | 1723.7 | 1707.4 | 1688.1 |
| 65° | 1564.8 | 1580.7 | 1590.7 | 1602.1 | 1601.5 | 1598.4 | 1583.4 | 1570.1 | 1551.9 | 1540.7 | 1526.6 |
| 67.5° | 1394.5 | 1406.6 | 1414.2 | 1425.0 | 1427.1 | 1427.7 | 1419.6 | 1413.3 | 1404.4 | 1401.2 | 1396.4 |
| 70° | 1273.4 | 1288.0 | 1300.3 | 1314.0 | 1321.4 | 1325.0 | 1321.4 | 1318.2 | 1313.1 | 1310.8 | 1307.1 |
| 72.5° | 1181.7 | 1194.0 | 1203.7 | 1216.1 | 1223.0 | 1228.0 | 1225.3 | 1223.5 | 1219.0 | 1218.4 | 1215.8 |
| 75° | 1067.8 | 1076.4 | 1081.8 | 1091.1 | 1094.8 | 1099.5 | 1097.4 | 1098.5 | 1097.1 | 1100.6 | 1100.4 |
| 77.5° | 930.9 | 937.2 | 939.8 | 946.5 | 947.2 | 952.8 | 954.1 | 960.7 | 965.4 | 975.7 | 981.1 |
| 80° | 776.8 | 780.8 | 780.8 | 787.8 | 790.9 | 800.3 | 804.8 | 815.6 | 820.6 | 829.7 | 830.6 |
| 82.5° | 603.4 | 598.8 | 603.4 | 600.5 | 609.4 | 620.0 | 621.5 | 630.7 | 632.7 | 638.6 | 634.1 |
| 85° | 412.5 | 412.2 | 408.5 | 409.2 | 406.4 | 407.7 | 406.2 | 407.8 | 406.3 | 406.4 | 402.2 |
| 87.5° | 197.6 | 199.4 | 195.1 | 196.5 | 192.4 | 194.3 | 190.6 | 193.5 | 189.1 | 189.8 | 183.3 |
| 90° | 46.9 | 48.1 | 49.0 | 50.3 | 52.2 | 55.5 | 59.2 | 62.7 | 66.9 | 70.2 | 74.0 |
| 92.5° | 51.0 | 53.1 | 55.0 | 57.0 | 58.8 | 64.5 | 70.3 | 76.1 | 82.0 | 87.6 | 93.4 |
| 95° | 58.4 | 60.0 | 61.8 | 63.9 | 65.6 | 73.9 | 82.1 | 90.5 | 98.7 | 107.1 | 115.3 |
| 97.5° | 66.0 | 67.2 | 68.2 | 69.3 | 70.5 | 80.3 | 90.1 | 99.9 | 109.7 | 119.4 | 129.1 |
| 100° | 76.1 | 77.4 | 78.7 | 80.1 | 81.4 | 104.0 | 126.5 | 149.1 | 171.7 | 194.0 | 216.6 |
| 102.5° | 124.1 | 132.0 | 139.9 | 148.0 | 155.9 | 210.6 | 265.3 | 320.0 | 374.4 | 429.2 | 483.7 |
| 105° | 283.1 | 309.7 | 336.7 | 363.3 | 389.9 | 472.7 | 555.5 | 638.3 | 720.7 | 803.5 | 886.3 |
| 107.5° | 572.9 | 619.7 | 666.7 | 713.6 | 760.4 | 838.4 | 916.1 | 993.8 | 1071.8 | 1149.5 | 1227.0 |
| 110° | 878.1 | 918.2 | 959.0 | 999.5 | 1039.9 | 1101.5 | 1163.5 | 1225.1 | 1286.9 | 1348.6 | 1410.1 |



TEST NUMBER: P1444487
 CATALOG NUMBER: EHBR1-54-UNV-TA-L830-UPL36

CANDELA DISTRIBUTION (continued):

| | 192.5° | 195° | 197.5° | 200° | 202.5° | 205° | 207.5° | 210° | 212.5° | 215° | 217.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 1056.5 | 1081.1 | 1105.8 | 1130.1 | 1154.9 | 1200.1 | 1245.7 | 1290.9 | 1336.2 | 1381.3 | 1426.4 |
| 115° | 1103.8 | 1116.6 | 1129.8 | 1142.7 | 1155.9 | 1183.2 | 1210.4 | 1237.7 | 1265.1 | 1292.1 | 1319.5 |
| 117.5° | 1073.7 | 1078.4 | 1083.2 | 1087.5 | 1092.2 | 1106.2 | 1120.2 | 1134.2 | 1148.2 | 1162.1 | 1176.0 |
| 120° | 998.5 | 998.1 | 997.8 | 997.1 | 996.8 | 1000.9 | 1005.4 | 1009.6 | 1014.0 | 1018.0 | 1022.0 |
| 122.5° | 913.4 | 910.0 | 906.8 | 903.5 | 900.2 | 898.4 | 896.9 | 895.1 | 893.8 | 891.8 | 890.2 |
| 125° | 832.9 | 829.5 | 826.3 | 822.7 | 819.2 | 815.1 | 811.2 | 807.0 | 802.9 | 798.6 | 794.4 |
| 127.5° | 764.7 | 761.5 | 758.7 | 755.5 | 752.3 | 747.5 | 743.0 | 738.2 | 733.8 | 728.9 | 724.4 |
| 130° | 708.4 | 706.1 | 704.1 | 701.3 | 699.3 | 694.8 | 690.9 | 686.8 | 682.7 | 678.6 | 674.4 |
| 132.5° | 668.3 | 666.7 | 665.2 | 663.1 | 661.4 | 657.6 | 654.3 | 650.2 | 646.5 | 642.8 | 639.2 |
| 135° | 637.7 | 636.8 | 635.9 | 634.5 | 633.3 | 630.2 | 627.6 | 624.6 | 621.8 | 618.9 | 616.1 |
| 137.5° | 612.8 | 612.1 | 611.9 | 611.3 | 610.7 | 608.1 | 606.0 | 603.3 | 601.1 | 598.6 | 596.3 |
| 140° | 597.2 | 596.8 | 596.6 | 596.0 | 595.6 | 592.9 | 590.4 | 587.8 | 585.3 | 582.7 | 580.3 |
| 142.5° | 580.8 | 580.5 | 580.3 | 579.7 | 579.4 | 577.2 | 575.5 | 573.5 | 571.5 | 569.4 | 567.6 |
| 145° | 569.0 | 569.0 | 569.1 | 568.8 | 569.0 | 566.4 | 564.3 | 561.8 | 559.9 | 557.5 | 555.4 |
| 147.5° | 557.5 | 557.5 | 557.8 | 557.8 | 558.1 | 556.0 | 554.4 | 552.4 | 550.7 | 548.7 | 547.0 |
| 150° | 549.2 | 549.2 | 549.3 | 549.0 | 548.9 | 546.9 | 545.3 | 543.2 | 541.6 | 539.5 | 537.9 |
| 152.5° | 541.0 | 541.2 | 541.5 | 541.5 | 541.7 | 539.9 | 538.0 | 536.1 | 534.2 | 532.1 | 530.3 |
| 155° | 534.3 | 534.5 | 534.6 | 534.6 | 534.6 | 532.9 | 531.2 | 529.3 | 527.6 | 525.8 | 524.1 |
| 157.5° | 528.8 | 529.1 | 529.3 | 529.5 | 529.7 | 528.2 | 526.7 | 525.2 | 523.7 | 522.1 | 520.6 |
| 160° | 525.3 | 525.8 | 526.1 | 526.2 | 526.6 | 525.3 | 524.4 | 522.8 | 521.7 | 520.2 | 518.7 |
| 162.5° | 523.9 | 524.4 | 524.7 | 524.8 | 525.1 | 523.8 | 523.0 | 521.7 | 520.4 | 518.7 | 517.5 |
| 165° | 521.3 | 521.3 | 521.5 | 521.5 | 521.6 | 520.7 | 520.1 | 519.2 | 518.4 | 517.3 | 516.4 |
| 167.5° | 522.9 | 522.9 | 523.2 | 523.1 | 523.2 | 522.5 | 522.4 | 521.7 | 521.0 | 520.3 | 519.7 |
| 170° | 523.1 | 523.2 | 523.3 | 523.2 | 523.3 | 522.7 | 522.2 | 521.7 | 521.3 | 520.3 | 519.7 |
| 172.5° | 523.0 | 522.8 | 522.6 | 522.6 | 522.3 | 521.8 | 521.6 | 521.1 | 520.9 | 520.4 | 520.1 |
| 175° | 522.6 | 522.3 | 522.2 | 522.0 | 521.7 | 521.7 | 521.4 | 521.4 | 521.2 | 520.9 | 520.7 |
| 177.5° | 525.9 | 525.4 | 524.7 | 524.2 | 523.7 | 523.5 | 523.5 | 523.2 | 523.3 | 523.2 | 523.0 |
| 180° | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 |



TEST NUMBER: P1444487
 CATALOG NUMBER: EHBR1-54-UNV-TA-L830-UPL36

CANDELA DISTRIBUTION (continued):

| | 220° | 222.5° | 225° | 227.5° | 230° | 232.5° | 235° | 237.5° | 240° | 242.5° | 245° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 |
| 2.5° | 43783.1 | 43512.7 | 43477.1 | 43496.0 | 43541.2 | 43557.9 | 43606.7 | 43620.0 | 43669.1 | 43681.2 | 43728.3 |
| 5° | 44686.5 | 44329.2 | 44347.0 | 44432.9 | 44563.0 | 44640.5 | 44768.4 | 44835.3 | 44957.3 | 45012.9 | 45123.2 |
| 7.5° | 45639.2 | 45358.5 | 45446.0 | 45590.9 | 45768.8 | 45892.0 | 46045.6 | 46145.7 | 46278.0 | 46360.3 | 46466.2 |
| 10° | 46106.9 | 46030.0 | 46126.4 | 46240.4 | 46341.9 | 46421.3 | 46486.4 | 46538.6 | 46572.7 | 46604.6 | 46618.7 |
| 12.5° | 45750.9 | 45870.0 | 45886.4 | 45875.3 | 45808.1 | 45756.7 | 45641.4 | 45563.1 | 45424.0 | 45339.2 | 45173.7 |
| 15° | 44431.5 | 44693.1 | 44548.2 | 44328.8 | 44007.8 | 43740.2 | 43362.2 | 43080.7 | 42687.1 | 42420.2 | 42025.2 |
| 17.5° | 42115.7 | 42446.0 | 42068.4 | 41560.8 | 40915.1 | 40362.6 | 39674.7 | 39128.6 | 38444.6 | 37947.1 | 37308.7 |
| 20° | 38855.7 | 39164.4 | 38490.9 | 37649.4 | 36650.4 | 35809.7 | 34818.3 | 34027.4 | 33106.0 | 32420.7 | 31593.7 |
| 22.5° | 34796.6 | 35016.5 | 34067.7 | 32933.3 | 31660.6 | 30610.3 | 29424.9 | 28476.7 | 27425.2 | 26641.8 | 25760.0 |
| 25° | 30306.0 | 30365.4 | 29227.3 | 27920.3 | 26501.9 | 25321.5 | 24056.0 | 23059.0 | 21986.7 | 21192.7 | 20327.1 |
| 27.5° | 25773.6 | 25686.6 | 24456.5 | 23070.8 | 21578.7 | 20351.8 | 19117.5 | 18183.2 | 17244.1 | 16528.8 | 15783.2 |
| 30° | 21495.7 | 21284.9 | 20007.7 | 18583.4 | 17135.0 | 16035.3 | 15010.7 | 14260.4 | 13513.2 | 12945.9 | 12347.3 |
| 32.5° | 17572.7 | 17275.4 | 16032.1 | 14697.7 | 13477.3 | 12628.7 | 11868.9 | 11301.1 | 10697.8 | 10218.5 | 9716.2 |
| 35° | 14097.9 | 13781.2 | 12679.9 | 11548.5 | 10624.8 | 9999.3 | 9402.1 | 8936.3 | 8424.0 | 8019.7 | 7583.5 |
| 37.5° | 11115.8 | 10856.3 | 9933.7 | 9043.5 | 8344.8 | 7860.0 | 7370.7 | 6990.0 | 6566.7 | 6388.8 | 5922.7 |
| 40° | 8581.4 | 8399.9 | 7678.6 | 7022.3 | 6497.7 | 6270.0 | 5773.3 | 5417.6 | 5101.3 | 4840.4 | 4587.7 |
| 42.5° | 6693.6 | 6629.4 | 5927.4 | 5415.6 | 5046.1 | 4759.2 | 4482.4 | 4257.7 | 4039.0 | 3859.1 | 3689.3 |
| 45° | 4912.1 | 4861.3 | 4549.6 | 4254.2 | 4002.5 | 3801.9 | 3614.9 | 3460.3 | 3317.3 | 3198.8 | 3091.0 |
| 47.5° | 3825.1 | 3808.8 | 3629.3 | 3446.2 | 3287.6 | 3158.7 | 3037.3 | 2934.6 | 2839.7 | 2760.6 | 2734.9 |
| 50° | 3111.1 | 3109.0 | 3003.7 | 2890.6 | 2777.6 | 2703.2 | 2625.7 | 2565.1 | 2504.1 | 2456.6 | 2406.5 |
| 52.5° | 2643.4 | 2632.0 | 2560.9 | 2491.1 | 2424.0 | 2375.1 | 2325.6 | 2286.8 | 2246.4 | 2217.2 | 2185.9 |
| 55° | 2275.7 | 2287.7 | 2246.6 | 2204.9 | 2163.0 | 2132.5 | 2097.9 | 2072.3 | 2044.6 | 2026.1 | 2007.3 |
| 57.5° | 2020.3 | 2036.2 | 2014.7 | 1991.0 | 1965.4 | 1945.5 | 1921.6 | 1903.9 | 1885.3 | 1873.6 | 1862.6 |
| 60° | 1834.5 | 1851.9 | 1843.2 | 1831.3 | 1815.5 | 1803.6 | 1788.4 | 1778.5 | 1766.6 | 1760.1 | 1753.9 |
| 62.5° | 1676.9 | 1698.6 | 1695.5 | 1689.9 | 1679.8 | 1673.1 | 1664.8 | 1660.5 | 1652.6 | 1649.7 | 1646.8 |
| 65° | 1519.6 | 1544.1 | 1543.6 | 1540.8 | 1535.2 | 1533.3 | 1528.1 | 1527.1 | 1523.1 | 1524.8 | 1524.4 |
| 67.5° | 1395.9 | 1417.1 | 1421.8 | 1425.2 | 1425.0 | 1426.3 | 1425.9 | 1427.9 | 1427.9 | 1431.0 | 1432.9 |
| 70° | 1306.6 | 1321.4 | 1325.0 | 1328.5 | 1329.5 | 1332.4 | 1332.4 | 1334.2 | 1333.7 | 1336.2 | 1336.6 |
| 72.5° | 1216.4 | 1235.9 | 1239.5 | 1242.4 | 1242.4 | 1245.1 | 1243.6 | 1243.1 | 1239.3 | 1238.4 | 1235.7 |
| 75° | 1104.2 | 1129.1 | 1134.5 | 1138.1 | 1138.6 | 1141.0 | 1137.6 | 1135.5 | 1129.1 | 1126.5 | 1122.0 |
| 77.5° | 986.9 | 1012.8 | 1016.6 | 1017.9 | 1015.9 | 1016.3 | 1009.3 | 1004.4 | 996.2 | 992.8 | 988.5 |
| 80° | 834.2 | 872.4 | 875.4 | 873.0 | 867.1 | 866.1 | 859.1 | 854.7 | 844.9 | 841.5 | 837.8 |
| 82.5° | 634.8 | 679.6 | 685.9 | 688.6 | 683.7 | 684.8 | 678.3 | 675.6 | 666.7 | 665.1 | 659.1 |
| 85° | 400.8 | 445.5 | 452.9 | 451.8 | 447.0 | 445.9 | 441.9 | 443.3 | 442.5 | 444.8 | 446.2 |
| 87.5° | 184.2 | 227.4 | 237.9 | 234.5 | 234.0 | 231.0 | 224.1 | 226.6 | 230.8 | 233.5 | 233.7 |
| 90° | 77.7 | 94.3 | 97.7 | 95.8 | 89.5 | 87.0 | 81.2 | 79.3 | 74.3 | 72.3 | 67.3 |
| 92.5° | 99.1 | 104.9 | 110.6 | 105.5 | 100.4 | 95.3 | 90.2 | 84.9 | 80.0 | 74.7 | 69.8 |
| 95° | 123.6 | 131.5 | 139.9 | 133.0 | 126.2 | 119.3 | 112.5 | 105.8 | 98.9 | 92.1 | 85.3 |
| 97.5° | 138.8 | 148.4 | 157.9 | 151.1 | 144.3 | 137.3 | 130.5 | 123.7 | 116.9 | 110.0 | 103.2 |
| 100° | 239.1 | 261.1 | 283.4 | 264.1 | 244.6 | 225.3 | 205.9 | 186.3 | 166.9 | 147.6 | 128.0 |
| 102.5° | 538.3 | 592.5 | 646.9 | 597.7 | 548.6 | 499.5 | 450.6 | 401.4 | 352.4 | 303.2 | 254.2 |
| 105° | 968.7 | 1050.8 | 1133.2 | 1058.0 | 983.1 | 908.3 | 833.4 | 758.5 | 683.5 | 608.6 | 533.8 |
| 107.5° | 1304.6 | 1381.3 | 1458.5 | 1390.8 | 1323.0 | 1255.4 | 1187.4 | 1119.7 | 1051.8 | 984.1 | 916.4 |
| 110° | 1471.8 | 1532.0 | 1593.2 | 1547.4 | 1502.0 | 1456.2 | 1410.8 | 1365.2 | 1319.7 | 1274.4 | 1229.0 |



TEST NUMBER: P1444487
 CATALOG NUMBER: EHBR1-54-UNV-TA-L830-UPL36

CANDELA DISTRIBUTION (continued):

| | 220° | 222.5° | 225° | 227.5° | 230° | 232.5° | 235° | 237.5° | 240° | 242.5° | 245° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 1471.5 | 1514.8 | 1559.4 | 1532.4 | 1505.8 | 1478.9 | 1452.3 | 1425.4 | 1399.0 | 1372.1 | 1345.8 |
| 115° | 1346.3 | 1371.3 | 1397.9 | 1386.9 | 1376.2 | 1365.4 | 1354.7 | 1344.1 | 1333.3 | 1322.7 | 1312.4 |
| 117.5° | 1189.8 | 1201.0 | 1213.9 | 1211.4 | 1209.5 | 1207.0 | 1205.0 | 1202.7 | 1200.9 | 1198.7 | 1196.8 |
| 120° | 1026.3 | 1027.4 | 1030.7 | 1031.6 | 1032.7 | 1033.5 | 1034.7 | 1035.7 | 1036.9 | 1038.1 | 1039.4 |
| 122.5° | 888.4 | 883.4 | 880.6 | 881.4 | 882.4 | 882.9 | 884.0 | 884.9 | 885.8 | 886.8 | 888.0 |
| 125° | 790.3 | 782.4 | 777.2 | 774.9 | 772.8 | 770.4 | 768.2 | 765.9 | 763.9 | 761.8 | 759.9 |
| 127.5° | 719.6 | 711.1 | 705.2 | 700.7 | 696.0 | 691.2 | 686.6 | 681.7 | 677.2 | 672.5 | 668.2 |
| 130° | 670.4 | 662.1 | 656.8 | 650.9 | 645.4 | 639.3 | 633.8 | 627.9 | 622.1 | 616.4 | 610.6 |
| 132.5° | 635.4 | 627.1 | 622.3 | 616.9 | 611.6 | 605.7 | 600.4 | 594.6 | 589.1 | 583.2 | 577.9 |
| 135° | 613.1 | 605.6 | 601.6 | 596.4 | 591.7 | 586.5 | 581.3 | 576.2 | 571.2 | 565.9 | 561.2 |
| 137.5° | 593.7 | 586.4 | 583.0 | 578.7 | 574.9 | 570.6 | 566.8 | 562.4 | 558.4 | 553.8 | 549.9 |
| 140° | 577.7 | 569.9 | 566.2 | 563.8 | 561.7 | 558.9 | 556.6 | 554.0 | 551.6 | 549.0 | 546.5 |
| 142.5° | 565.6 | 558.0 | 554.9 | 553.2 | 551.8 | 550.1 | 548.8 | 547.0 | 545.4 | 543.4 | 541.8 |
| 145° | 553.2 | 544.8 | 541.3 | 540.9 | 540.8 | 540.4 | 540.0 | 539.6 | 539.3 | 538.7 | 538.3 |
| 147.5° | 545.0 | 536.5 | 533.1 | 533.3 | 533.5 | 533.3 | 533.6 | 533.4 | 533.7 | 533.5 | 533.7 |
| 150° | 535.7 | 526.1 | 522.1 | 522.7 | 523.0 | 523.5 | 524.1 | 524.5 | 525.2 | 525.6 | 526.1 |
| 152.5° | 528.1 | 516.6 | 512.2 | 512.7 | 513.5 | 513.9 | 514.5 | 515.3 | 516.1 | 516.8 | 517.4 |
| 155° | 521.8 | 509.4 | 504.6 | 504.6 | 504.8 | 505.2 | 505.4 | 505.8 | 506.2 | 506.7 | 507.2 |
| 157.5° | 518.8 | 505.7 | 501.1 | 500.8 | 500.9 | 500.9 | 500.9 | 501.1 | 501.3 | 501.5 | 502.2 |
| 160° | 517.3 | 504.3 | 499.7 | 499.4 | 499.5 | 499.3 | 499.2 | 499.3 | 499.5 | 499.6 | 500.1 |
| 162.5° | 515.9 | 503.3 | 499.0 | 498.5 | 498.1 | 498.1 | 498.1 | 497.9 | 498.0 | 498.1 | 498.5 |
| 165° | 515.3 | 504.1 | 500.2 | 500.0 | 500.1 | 500.1 | 500.1 | 500.3 | 500.5 | 500.8 | 501.1 |
| 167.5° | 518.7 | 508.8 | 505.7 | 505.3 | 504.8 | 504.3 | 504.3 | 503.7 | 503.7 | 503.3 | 503.3 |
| 170° | 518.9 | 511.1 | 508.4 | 508.2 | 508.4 | 508.4 | 508.2 | 508.3 | 508.3 | 508.3 | 508.4 |
| 172.5° | 519.4 | 513.8 | 511.6 | 512.0 | 512.4 | 512.7 | 513.0 | 513.3 | 513.7 | 514.2 | 514.5 |
| 175° | 520.5 | 517.0 | 516.1 | 516.0 | 516.3 | 516.5 | 516.7 | 517.0 | 517.2 | 517.3 | 517.9 |
| 177.5° | 522.9 | 521.8 | 521.4 | 521.4 | 521.4 | 521.4 | 521.4 | 521.4 | 521.4 | 521.6 | 521.6 |
| 180° | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 |



TEST NUMBER: P1444487
 CATALOG NUMBER: EHBR1-54-UNV-TA-L830-UPL36

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 252.5° | 255° | 257.5° | 260° | 262.5° | 265° | 267.5° | 270° | 272.5° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 |
| 2.5° | 43737.1 | 43788.0 | 43784.2 | 43831.9 | 43829.5 | 43874.3 | 43865.3 | 43904.0 | 43895.2 | 43928.4 | 43908.9 |
| 5° | 45171.8 | 45268.8 | 45300.7 | 45388.2 | 45406.4 | 45484.8 | 45486.4 | 45548.6 | 45541.1 | 45589.8 | 45563.9 |
| 7.5° | 46529.0 | 46619.4 | 46662.4 | 46730.4 | 46764.4 | 46820.6 | 46842.7 | 46889.0 | 46900.2 | 46927.5 | 46926.7 |
| 10° | 46643.4 | 46643.1 | 46664.4 | 46654.8 | 46673.9 | 46662.9 | 46686.0 | 46677.7 | 46712.0 | 46703.1 | 46729.0 |
| 12.5° | 45102.3 | 44949.4 | 44893.6 | 44756.1 | 44726.1 | 44608.2 | 44616.6 | 44541.0 | 44577.5 | 44531.0 | 44610.1 |
| 15° | 41790.1 | 41435.3 | 41260.1 | 40951.6 | 40854.7 | 40610.9 | 40591.2 | 40429.2 | 40472.9 | 40388.2 | 40512.0 |
| 17.5° | 36895.7 | 36337.1 | 36030.6 | 35580.0 | 35401.2 | 35056.3 | 34987.2 | 34778.8 | 34811.1 | 34706.1 | 34855.7 |
| 20° | 31060.2 | 30385.1 | 29998.5 | 29477.6 | 29245.2 | 28834.1 | 28725.0 | 28491.8 | 28521.0 | 28416.5 | 28585.7 |
| 22.5° | 25158.1 | 24451.6 | 24015.1 | 23469.0 | 23172.2 | 22785.5 | 22669.6 | 22435.3 | 22448.6 | 22350.5 | 22513.2 |
| 25° | 19734.3 | 19056.9 | 18633.2 | 18137.2 | 17879.7 | 17525.2 | 17403.3 | 17192.9 | 17204.8 | 17123.9 | 17269.9 |
| 27.5° | 15265.9 | 14710.1 | 14355.5 | 13939.8 | 13709.0 | 13417.6 | 13298.7 | 13121.8 | 13121.3 | 13061.9 | 13184.0 |
| 30° | 11929.5 | 11465.7 | 11147.3 | 10785.3 | 10568.5 | 10305.5 | 10190.6 | 10032.4 | 10025.5 | 9983.3 | 10080.4 |
| 32.5° | 9340.5 | 8928.0 | 8637.7 | 8319.0 | 8124.4 | 7898.7 | 7790.0 | 7662.8 | 7651.2 | 7613.1 | 7692.7 |
| 35° | 7261.0 | 6913.6 | 6664.0 | 6395.8 | 6415.5 | 6082.5 | 6137.9 | 5879.3 | 5809.1 | 5793.8 | 5853.0 |
| 37.5° | 5611.9 | 5342.9 | 5140.1 | 4939.2 | 4803.1 | 4662.4 | 4586.6 | 4518.6 | 4510.8 | 4504.3 | 4545.8 |
| 40° | 4392.6 | 4204.3 | 4056.8 | 3919.0 | 3825.3 | 3739.4 | 3692.0 | 3654.8 | 3645.9 | 3640.9 | 3666.0 |
| 42.5° | 3555.2 | 3428.1 | 3333.0 | 3248.9 | 3192.0 | 3145.4 | 3119.3 | 3098.5 | 3091.6 | 3091.8 | 3106.6 |
| 45° | 3003.7 | 2926.6 | 2865.3 | 2813.0 | 2776.7 | 2792.6 | 2745.7 | 2770.3 | 2737.8 | 2771.4 | 2749.2 |
| 47.5° | 2645.2 | 2579.5 | 2541.6 | 2504.6 | 2482.6 | 2464.9 | 2465.5 | 2465.8 | 2472.7 | 2473.8 | 2481.1 |
| 50° | 2368.5 | 2330.5 | 2304.1 | 2280.5 | 2269.1 | 2259.8 | 2263.0 | 2265.4 | 2272.2 | 2272.6 | 2278.0 |
| 52.5° | 2163.8 | 2138.8 | 2122.9 | 2108.3 | 2103.1 | 2097.9 | 2100.1 | 2099.1 | 2102.2 | 2100.6 | 2104.9 |
| 55° | 1997.2 | 1985.4 | 1980.4 | 1975.0 | 1975.7 | 1974.3 | 1975.2 | 1969.9 | 1966.7 | 1962.7 | 1966.4 |
| 57.5° | 1860.4 | 1858.8 | 1862.2 | 1864.4 | 1870.7 | 1872.9 | 1874.4 | 1868.3 | 1862.5 | 1857.2 | 1860.2 |
| 60° | 1755.0 | 1757.6 | 1766.0 | 1772.7 | 1781.8 | 1785.9 | 1788.6 | 1785.0 | 1780.8 | 1776.5 | 1779.0 |
| 62.5° | 1651.1 | 1655.2 | 1665.2 | 1672.7 | 1683.6 | 1689.3 | 1695.5 | 1695.9 | 1697.5 | 1695.9 | 1697.6 |
| 65° | 1530.5 | 1535.5 | 1544.5 | 1550.8 | 1560.9 | 1565.9 | 1572.4 | 1573.5 | 1577.0 | 1576.2 | 1579.3 |
| 67.5° | 1438.9 | 1443.4 | 1451.0 | 1456.9 | 1465.9 | 1471.0 | 1476.6 | 1477.0 | 1478.2 | 1477.9 | 1480.8 |
| 70° | 1341.1 | 1343.3 | 1350.1 | 1355.0 | 1364.0 | 1369.4 | 1375.8 | 1377.7 | 1381.7 | 1382.4 | 1385.6 |
| 72.5° | 1236.8 | 1235.9 | 1239.9 | 1242.2 | 1248.9 | 1253.1 | 1261.3 | 1265.8 | 1272.5 | 1274.3 | 1276.7 |
| 75° | 1123.3 | 1122.4 | 1127.1 | 1129.1 | 1134.9 | 1139.0 | 1148.2 | 1154.2 | 1164.6 | 1169.0 | 1167.9 |
| 77.5° | 991.9 | 994.1 | 1003.1 | 1008.1 | 1015.9 | 1021.2 | 1033.1 | 1042.6 | 1061.7 | 1070.1 | 1061.6 |
| 80° | 844.9 | 847.3 | 856.6 | 861.3 | 871.4 | 877.9 | 891.2 | 902.3 | 919.5 | 923.2 | 918.3 |
| 82.5° | 664.2 | 664.9 | 673.3 | 676.8 | 690.0 | 699.4 | 716.4 | 725.2 | 735.9 | 734.2 | 733.0 |
| 85° | 452.9 | 459.0 | 469.5 | 480.0 | 496.0 | 511.4 | 527.4 | 540.6 | 531.2 | 545.9 | 529.5 |
| 87.5° | 242.0 | 241.4 | 255.5 | 253.3 | 275.9 | 288.9 | 302.7 | 309.3 | 316.7 | 315.2 | 315.4 |
| 90° | 65.9 | 62.5 | 62.5 | 58.6 | 59.8 | 55.6 | 57.8 | 54.0 | 57.0 | 52.3 | 59.8 |
| 92.5° | 64.4 | 61.8 | 58.9 | 56.3 | 53.4 | 50.8 | 47.9 | 45.1 | 42.3 | 39.5 | 42.3 |
| 95° | 78.5 | 76.0 | 73.3 | 70.6 | 68.1 | 65.5 | 62.9 | 60.4 | 57.8 | 55.3 | 58.5 |
| 97.5° | 96.4 | 94.9 | 93.4 | 91.9 | 90.4 | 89.0 | 87.5 | 86.0 | 84.3 | 82.8 | 85.0 |
| 100° | 108.7 | 108.7 | 108.7 | 108.7 | 108.4 | 108.4 | 108.4 | 108.4 | 108.4 | 108.4 | 110.1 |
| 102.5° | 205.0 | 200.2 | 195.3 | 190.2 | 185.3 | 180.4 | 175.5 | 170.6 | 165.7 | 160.8 | 168.0 |
| 105° | 458.9 | 439.7 | 420.5 | 401.3 | 382.0 | 362.8 | 343.7 | 324.5 | 305.4 | 286.2 | 305.9 |
| 107.5° | 848.9 | 813.9 | 778.9 | 743.9 | 708.8 | 674.0 | 639.0 | 604.1 | 569.2 | 534.3 | 565.6 |
| 110° | 1183.4 | 1146.3 | 1109.1 | 1072.1 | 1034.8 | 997.6 | 960.5 | 923.5 | 886.4 | 849.4 | 879.2 |



TEST NUMBER: P1444487
 CATALOG NUMBER: EHBR1-54-UNV-TA-L830-UPL36

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 252.5° | 255° | 257.5° | 260° | 262.5° | 265° | 267.5° | 270° | 272.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 1319.3 | 1294.8 | 1270.9 | 1246.9 | 1222.9 | 1199.0 | 1175.1 | 1151.2 | 1127.4 | 1103.5 | 1118.1 |
| 115° | 1301.7 | 1290.3 | 1278.7 | 1267.3 | 1255.8 | 1244.2 | 1232.7 | 1221.5 | 1210.1 | 1198.9 | 1199.7 |
| 117.5° | 1194.9 | 1190.7 | 1186.9 | 1182.9 | 1178.9 | 1175.2 | 1171.4 | 1167.8 | 1164.0 | 1160.6 | 1152.5 |
| 120° | 1040.9 | 1041.7 | 1042.6 | 1043.8 | 1044.9 | 1046.2 | 1047.2 | 1048.7 | 1050.2 | 1051.7 | 1040.9 |
| 122.5° | 889.2 | 891.6 | 894.1 | 896.8 | 899.5 | 902.5 | 905.3 | 908.5 | 911.7 | 914.9 | 904.0 |
| 125° | 757.7 | 760.0 | 762.5 | 765.0 | 767.4 | 770.4 | 773.3 | 776.4 | 779.4 | 782.8 | 773.6 |
| 127.5° | 663.7 | 664.2 | 664.6 | 665.4 | 666.1 | 667.2 | 668.3 | 669.7 | 671.2 | 672.8 | 667.1 |
| 130° | 604.9 | 603.5 | 601.9 | 600.8 | 599.4 | 598.7 | 597.9 | 597.2 | 596.5 | 596.3 | 593.9 |
| 132.5° | 572.2 | 569.4 | 566.6 | 563.9 | 561.4 | 559.2 | 556.9 | 555.1 | 553.3 | 551.7 | 551.1 |
| 135° | 555.7 | 552.1 | 548.4 | 544.8 | 541.3 | 538.5 | 535.3 | 532.7 | 530.0 | 527.6 | 528.3 |
| 137.5° | 545.7 | 542.2 | 538.4 | 535.0 | 531.5 | 528.6 | 525.4 | 522.7 | 520.2 | 517.7 | 518.8 |
| 140° | 543.9 | 540.3 | 536.5 | 533.2 | 530.0 | 526.9 | 523.9 | 521.4 | 518.4 | 516.4 | 517.0 |
| 142.5° | 540.0 | 537.0 | 533.5 | 530.6 | 527.5 | 524.7 | 522.1 | 519.8 | 517.1 | 515.2 | 516.0 |
| 145° | 537.8 | 535.5 | 533.0 | 530.6 | 528.4 | 526.5 | 524.2 | 522.6 | 520.9 | 519.7 | 520.1 |
| 147.5° | 533.5 | 532.0 | 529.9 | 528.3 | 526.3 | 525.1 | 523.5 | 522.3 | 521.1 | 520.2 | 520.2 |
| 150° | 526.4 | 525.4 | 524.1 | 523.1 | 521.9 | 521.0 | 520.0 | 519.3 | 518.5 | 517.9 | 517.9 |
| 152.5° | 518.1 | 517.3 | 516.1 | 515.3 | 514.3 | 513.6 | 512.8 | 512.2 | 511.5 | 511.1 | 511.0 |
| 155° | 507.7 | 507.2 | 506.9 | 506.5 | 506.1 | 506.1 | 505.7 | 505.8 | 505.5 | 505.5 | 505.7 |
| 157.5° | 502.4 | 502.5 | 502.2 | 502.5 | 502.5 | 502.5 | 502.5 | 502.9 | 502.8 | 503.3 | 503.6 |
| 160° | 500.6 | 500.5 | 500.3 | 500.3 | 500.2 | 500.1 | 500.2 | 500.2 | 500.3 | 500.3 | 500.9 |
| 162.5° | 498.7 | 499.2 | 499.4 | 499.6 | 500.2 | 500.5 | 501.0 | 501.6 | 502.0 | 502.5 | 503.1 |
| 165° | 501.6 | 501.6 | 501.6 | 501.4 | 501.8 | 501.9 | 502.0 | 502.4 | 502.5 | 503.0 | 503.7 |
| 167.5° | 503.2 | 503.5 | 503.6 | 503.9 | 504.3 | 504.8 | 505.2 | 505.9 | 506.5 | 507.3 | 507.8 |
| 170° | 508.3 | 508.3 | 508.3 | 508.3 | 508.3 | 508.6 | 508.7 | 508.9 | 509.1 | 509.6 | 509.9 |
| 172.5° | 514.9 | 514.9 | 514.5 | 514.9 | 514.5 | 514.9 | 514.9 | 515.0 | 515.0 | 515.2 | 515.4 |
| 175° | 517.8 | 518.3 | 518.5 | 518.9 | 518.9 | 519.1 | 519.3 | 519.6 | 519.8 | 520.2 | 520.2 |
| 177.5° | 521.6 | 521.7 | 521.7 | 521.7 | 521.7 | 521.8 | 521.8 | 521.8 | 521.8 | 521.7 | 521.8 |
| 180° | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 |



TEST NUMBER: P1444487
 CATALOG NUMBER: EHBR1-54-UNV-TA-L830-UPL36

CANDELA DISTRIBUTION (continued):

| | 275° | 277.5° | 280° | 282.5° | 285° | 287.5° | 290° | 292.5° | 295° | 297.5° | 300° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 |
| 2.5° | 43941.2 | 43919.2 | 43941.7 | 43918.8 | 43941.7 | 43914.3 | 43932.9 | 43903.3 | 43910.9 | 43880.1 | 43888.0 |
| 5° | 45602.6 | 45567.6 | 45586.2 | 45540.7 | 45545.6 | 45484.8 | 45483.7 | 45412.9 | 45394.2 | 45313.7 | 45278.3 |
| 7.5° | 46946.2 | 46934.7 | 46941.2 | 46911.9 | 46908.5 | 46867.0 | 46847.2 | 46788.7 | 46751.9 | 46677.7 | 46627.0 |
| 10° | 46733.5 | 46767.8 | 46776.6 | 46811.6 | 46818.8 | 46853.3 | 46860.5 | 46895.1 | 46902.4 | 46928.0 | 46928.3 |
| 12.5° | 44606.5 | 44722.7 | 44750.5 | 44894.2 | 44954.6 | 45119.0 | 45207.2 | 45388.2 | 45495.9 | 45676.5 | 45787.5 |
| 15° | 40508.6 | 40709.8 | 40790.1 | 41070.6 | 41225.8 | 41553.2 | 41758.9 | 42135.0 | 42400.4 | 42799.7 | 43084.6 |
| 17.5° | 34868.8 | 35150.0 | 35276.9 | 35657.2 | 35905.5 | 36388.7 | 36737.2 | 37310.5 | 37749.5 | 38386.7 | 38891.7 |
| 20° | 28614.7 | 28927.2 | 29099.4 | 29533.4 | 29826.2 | 30391.0 | 30825.9 | 31530.5 | 32118.1 | 32925.4 | 33616.0 |
| 22.5° | 22564.3 | 22861.7 | 23052.9 | 23494.3 | 23824.1 | 24413.1 | 24899.1 | 25642.9 | 26301.2 | 27211.0 | 28038.9 |
| 25° | 17325.1 | 17597.6 | 17770.5 | 18169.8 | 18479.5 | 19020.7 | 19484.9 | 20200.1 | 20844.3 | 21756.8 | 22605.8 |
| 27.5° | 13244.9 | 13473.1 | 13639.7 | 13980.2 | 14253.2 | 14712.3 | 15111.0 | 15702.1 | 16257.1 | 17046.7 | 17802.6 |
| 30° | 10140.1 | 10342.4 | 10504.4 | 10801.1 | 11054.2 | 11452.1 | 11802.7 | 12299.3 | 12758.6 | 13386.9 | 13988.2 |
| 32.5° | 7748.6 | 7922.9 | 8067.3 | 8326.9 | 8556.6 | 8914.9 | 9230.8 | 9666.0 | 10060.3 | 10593.1 | 11087.8 |
| 35° | 5908.0 | 6250.8 | 6226.5 | 6584.5 | 6642.1 | 6899.3 | 7181.1 | 7561.6 | 7910.8 | 8363.9 | 8784.9 |
| 37.5° | 4585.7 | 4682.0 | 4785.3 | 4943.5 | 5109.8 | 5343.8 | 5581.8 | 6046.8 | 6217.3 | 6559.8 | 6908.3 |
| 40° | 3697.8 | 3762.9 | 3831.1 | 3938.1 | 4054.5 | 4219.4 | 4392.8 | 4614.6 | 4841.8 | 5119.5 | 5403.0 |
| 42.5° | 3126.2 | 3163.1 | 3206.4 | 3269.4 | 3341.1 | 3445.6 | 3561.6 | 3712.0 | 3870.1 | 4065.5 | 4264.9 |
| 45° | 2793.1 | 2775.6 | 2788.5 | 2822.2 | 2865.5 | 2929.0 | 3002.2 | 3095.4 | 3198.3 | 3324.8 | 3459.6 |
| 47.5° | 2482.6 | 2489.6 | 2493.4 | 2511.8 | 2534.9 | 2577.5 | 2621.9 | 2685.2 | 2807.2 | 2844.4 | 2917.9 |
| 50° | 2277.4 | 2280.9 | 2279.7 | 2289.0 | 2300.7 | 2328.5 | 2357.2 | 2400.0 | 2442.8 | 2499.4 | 2553.5 |
| 52.5° | 2105.5 | 2110.3 | 2109.7 | 2115.8 | 2122.1 | 2139.6 | 2157.8 | 2188.1 | 2216.1 | 2252.0 | 2283.1 |
| 55° | 1969.8 | 1976.4 | 1979.0 | 1984.1 | 1987.1 | 1996.3 | 2003.5 | 2018.0 | 2029.9 | 2050.4 | 2069.2 |
| 57.5° | 1865.4 | 1874.4 | 1878.6 | 1880.3 | 1876.7 | 1876.1 | 1873.8 | 1876.8 | 1879.2 | 1890.2 | 1900.8 |
| 60° | 1783.2 | 1790.4 | 1791.5 | 1790.4 | 1783.7 | 1778.9 | 1771.1 | 1768.7 | 1767.5 | 1772.7 | 1778.5 |
| 62.5° | 1697.1 | 1699.8 | 1698.0 | 1695.9 | 1688.1 | 1683.5 | 1675.5 | 1672.6 | 1669.8 | 1673.5 | 1676.6 |
| 65° | 1578.2 | 1580.4 | 1578.2 | 1576.9 | 1569.9 | 1566.3 | 1559.5 | 1557.2 | 1553.3 | 1554.4 | 1553.7 |
| 67.5° | 1481.5 | 1483.7 | 1482.0 | 1480.2 | 1475.4 | 1473.1 | 1468.1 | 1464.9 | 1460.2 | 1458.5 | 1455.3 |
| 70° | 1385.1 | 1386.9 | 1384.2 | 1382.4 | 1377.0 | 1374.8 | 1370.2 | 1369.2 | 1365.5 | 1364.7 | 1361.0 |
| 72.5° | 1274.3 | 1274.5 | 1270.6 | 1269.5 | 1265.5 | 1265.3 | 1263.3 | 1265.1 | 1265.0 | 1266.9 | 1266.1 |
| 75° | 1161.0 | 1159.4 | 1154.5 | 1153.7 | 1150.7 | 1152.1 | 1150.0 | 1152.7 | 1153.1 | 1157.2 | 1157.7 |
| 77.5° | 1047.3 | 1041.4 | 1032.3 | 1027.9 | 1021.8 | 1021.0 | 1017.5 | 1019.9 | 1019.0 | 1023.9 | 1025.8 |
| 80° | 903.9 | 896.7 | 884.9 | 879.3 | 872.1 | 871.0 | 867.7 | 871.0 | 869.4 | 875.0 | 879.0 |
| 82.5° | 721.6 | 715.4 | 703.2 | 698.7 | 690.4 | 691.1 | 687.5 | 691.1 | 690.6 | 699.0 | 703.8 |
| 85° | 533.8 | 529.6 | 517.1 | 506.0 | 493.6 | 486.3 | 479.3 | 478.0 | 475.9 | 479.3 | 482.2 |
| 87.5° | 308.4 | 304.4 | 294.7 | 288.2 | 266.5 | 267.4 | 258.9 | 258.4 | 256.4 | 254.4 | 258.9 |
| 90° | 58.7 | 65.1 | 64.4 | 70.3 | 70.3 | 77.0 | 77.4 | 83.7 | 83.6 | 89.9 | 90.8 |
| 92.5° | 45.1 | 47.9 | 50.6 | 53.4 | 56.1 | 58.9 | 61.6 | 64.4 | 70.4 | 76.0 | 82.3 |
| 95° | 61.6 | 64.8 | 68.0 | 71.3 | 74.5 | 77.7 | 80.8 | 84.0 | 92.7 | 101.4 | 110.3 |
| 97.5° | 87.2 | 89.2 | 91.3 | 93.4 | 95.5 | 97.7 | 99.8 | 101.9 | 111.5 | 120.8 | 130.2 |
| 100° | 111.7 | 113.4 | 115.1 | 116.9 | 118.6 | 120.3 | 122.0 | 123.6 | 142.0 | 160.1 | 178.3 |
| 102.5° | 175.3 | 182.6 | 189.8 | 197.0 | 204.4 | 211.7 | 218.9 | 226.1 | 267.8 | 309.3 | 350.9 |
| 105° | 325.8 | 345.6 | 365.6 | 385.4 | 405.2 | 425.0 | 444.9 | 464.7 | 531.3 | 597.7 | 664.4 |
| 107.5° | 596.9 | 628.2 | 659.4 | 691.0 | 722.3 | 753.8 | 785.1 | 816.4 | 881.3 | 946.4 | 1011.3 |
| 110° | 909.0 | 939.1 | 968.8 | 998.8 | 1028.6 | 1058.7 | 1088.5 | 1118.7 | 1157.8 | 1196.6 | 1235.7 |



TEST NUMBER: P1444487
 CATALOG NUMBER: EHBR1-54-UNV-TA-L830-UPL36

CANDELA DISTRIBUTION (continued):

| | 275° | 277.5° | 280° | 282.5° | 285° | 287.5° | 290° | 292.5° | 295° | 297.5° | 300° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 1132.6 | 1147.1 | 1161.7 | 1176.4 | 1190.9 | 1205.8 | 1220.4 | 1235.2 | 1254.9 | 1274.4 | 1294.1 |
| 115° | 1200.8 | 1201.6 | 1202.7 | 1203.8 | 1204.9 | 1205.9 | 1207.4 | 1208.5 | 1214.9 | 1221.2 | 1227.6 |
| 117.5° | 1144.5 | 1136.6 | 1128.8 | 1120.9 | 1113.2 | 1105.7 | 1098.1 | 1090.6 | 1089.6 | 1088.5 | 1087.8 |
| 120° | 1030.5 | 1019.7 | 1009.2 | 998.6 | 988.3 | 978.0 | 967.9 | 957.9 | 952.8 | 947.9 | 943.0 |
| 122.5° | 893.5 | 882.9 | 872.5 | 862.1 | 851.9 | 841.9 | 832.0 | 822.1 | 818.7 | 815.5 | 812.2 |
| 125° | 764.9 | 756.2 | 747.5 | 739.1 | 730.8 | 722.6 | 714.6 | 706.6 | 706.8 | 706.8 | 707.4 |
| 127.5° | 661.9 | 656.6 | 651.6 | 646.5 | 641.9 | 637.1 | 632.7 | 628.1 | 631.0 | 633.7 | 636.6 |
| 130° | 591.6 | 589.5 | 587.7 | 585.5 | 584.2 | 582.5 | 581.1 | 579.6 | 584.4 | 588.6 | 593.3 |
| 132.5° | 551.1 | 550.9 | 551.0 | 551.0 | 551.4 | 551.9 | 552.7 | 553.1 | 558.4 | 563.3 | 568.6 |
| 135° | 529.0 | 529.9 | 531.2 | 532.3 | 534.0 | 535.4 | 537.2 | 538.7 | 543.9 | 548.5 | 553.7 |
| 137.5° | 520.2 | 521.4 | 523.1 | 524.7 | 526.7 | 528.4 | 530.6 | 532.6 | 536.6 | 540.7 | 544.7 |
| 140° | 518.2 | 519.1 | 520.6 | 522.0 | 523.5 | 525.1 | 527.2 | 528.8 | 532.2 | 535.3 | 538.4 |
| 142.5° | 517.2 | 518.0 | 519.3 | 520.7 | 522.2 | 523.7 | 525.4 | 526.8 | 529.4 | 531.6 | 534.5 |
| 145° | 521.0 | 521.7 | 522.8 | 523.7 | 524.9 | 526.1 | 527.5 | 528.6 | 530.4 | 531.9 | 533.5 |
| 147.5° | 520.9 | 521.4 | 522.2 | 523.1 | 524.0 | 524.8 | 525.6 | 526.4 | 527.7 | 528.7 | 530.0 |
| 150° | 518.4 | 518.6 | 519.0 | 519.3 | 520.1 | 520.6 | 521.4 | 521.8 | 522.9 | 523.7 | 524.9 |
| 152.5° | 511.5 | 511.6 | 512.1 | 512.3 | 512.9 | 513.4 | 513.8 | 514.3 | 515.4 | 516.1 | 517.2 |
| 155° | 506.2 | 506.9 | 507.5 | 508.0 | 508.8 | 509.1 | 509.9 | 510.4 | 511.3 | 511.8 | 512.7 |
| 157.5° | 504.2 | 504.5 | 505.4 | 505.7 | 506.5 | 506.9 | 507.6 | 508.1 | 508.9 | 509.4 | 510.0 |
| 160° | 501.6 | 502.5 | 503.2 | 504.0 | 504.9 | 505.6 | 506.5 | 507.3 | 508.0 | 508.4 | 509.1 |
| 162.5° | 503.7 | 504.3 | 505.0 | 505.4 | 506.1 | 506.8 | 507.2 | 507.9 | 508.9 | 509.4 | 510.5 |
| 165° | 504.5 | 505.3 | 506.2 | 506.8 | 507.7 | 508.6 | 509.3 | 510.1 | 510.6 | 511.3 | 511.7 |
| 167.5° | 508.7 | 509.2 | 510.2 | 511.0 | 511.8 | 512.5 | 513.4 | 514.1 | 514.7 | 515.0 | 515.7 |
| 170° | 510.7 | 511.3 | 512.0 | 512.8 | 513.4 | 514.0 | 514.9 | 515.4 | 516.2 | 516.7 | 517.6 |
| 172.5° | 515.9 | 516.5 | 517.0 | 517.4 | 517.9 | 518.7 | 519.2 | 519.6 | 520.2 | 520.7 | 521.4 |
| 175° | 520.2 | 520.2 | 520.3 | 520.5 | 520.6 | 520.6 | 520.8 | 521.1 | 521.3 | 521.5 | 521.7 |
| 177.5° | 522.0 | 522.3 | 522.5 | 522.7 | 522.9 | 523.2 | 523.3 | 523.5 | 523.5 | 523.5 | 523.5 |
| 180° | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 |



TEST NUMBER: P1444487
 CATALOG NUMBER: EHBR1-54-UNV-TA-L830-UPL36

CANDELA DISTRIBUTION (continued):

| | 302.5° | 305° | 307.5° | 310° | 312.5° | 315° | 317.5° | 320° | 322.5° | 325° | 327.5° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 |
| 2.5° | 43857.3 | 43859.1 | 43823.8 | 43821.9 | 43788.7 | 43784.6 | 43752.3 | 43742.4 | 43716.2 | 43706.7 | 43680.0 |
| 5° | 45187.9 | 45144.8 | 45045.2 | 44986.7 | 44888.2 | 44823.1 | 44716.6 | 44647.1 | 44544.3 | 44466.8 | 44363.4 |
| 7.5° | 46533.6 | 46466.7 | 46354.9 | 46264.3 | 46127.8 | 46018.7 | 45859.0 | 45728.2 | 45555.1 | 45405.3 | 45223.6 |
| 10° | 46928.3 | 46918.0 | 46889.5 | 46848.0 | 46784.5 | 46713.1 | 46604.4 | 46491.0 | 46339.3 | 46174.6 | 45972.5 |
| 12.5° | 45957.2 | 46062.0 | 46205.0 | 46289.8 | 46392.8 | 46438.1 | 46480.3 | 46469.8 | 46441.9 | 46358.6 | 46241.9 |
| 15° | 43497.1 | 43791.8 | 44182.0 | 44484.4 | 44832.3 | 45085.1 | 45364.3 | 45538.3 | 45711.9 | 45791.9 | 45841.0 |
| 17.5° | 39583.8 | 40141.7 | 40841.3 | 41421.2 | 42090.2 | 42627.5 | 43216.5 | 43659.9 | 44115.9 | 44442.5 | 44738.0 |
| 20° | 34557.2 | 35365.5 | 36355.0 | 37229.1 | 38245.6 | 39129.0 | 40096.9 | 40891.6 | 41711.0 | 42351.8 | 42958.3 |
| 22.5° | 29104.9 | 30064.9 | 31261.3 | 32369.4 | 33679.7 | 34857.4 | 36186.1 | 37342.6 | 38550.0 | 39558.7 | 40534.0 |
| 25° | 23743.5 | 24796.4 | 26104.5 | 27340.8 | 28824.9 | 30194.7 | 31770.4 | 33211.8 | 34772.3 | 36127.3 | 37465.7 |
| 27.5° | 18847.8 | 19881.5 | 21216.9 | 22533.1 | 24102.4 | 25561.9 | 27250.3 | 28838.2 | 30615.1 | 32253.8 | 33930.0 |
| 30° | 14824.0 | 15700.6 | 16898.1 | 18172.9 | 19720.6 | 21206.0 | 22912.6 | 24545.8 | 26394.3 | 28183.4 | 30071.5 |
| 32.5° | 11744.5 | 12412.5 | 13353.9 | 14431.8 | 15859.9 | 17273.8 | 18898.9 | 20475.4 | 22295.8 | 24103.1 | 26066.8 |
| 35° | 9327.3 | 9848.3 | 10566.1 | 11407.2 | 12616.6 | 13835.5 | 15272.9 | 16706.6 | 18404.8 | 20119.9 | 22028.5 |
| 37.5° | 7355.1 | 7777.8 | 8339.9 | 8971.9 | 9941.9 | 10942.1 | 12120.7 | 13309.3 | 14785.0 | 16305.3 | 18035.1 |
| 40° | 5743.5 | 6085.8 | 6523.4 | 6994.7 | 7727.1 | 8497.8 | 9409.3 | 10331.1 | 11516.6 | 12759.1 | 14190.8 |
| 42.5° | 4511.9 | 4764.5 | 5073.6 | 5418.0 | 6101.3 | 6510.6 | 7128.6 | 7795.3 | 8666.9 | 9568.9 | 10645.2 |
| 45° | 3623.5 | 3795.7 | 4010.1 | 4241.1 | 4558.3 | 4905.4 | 5328.7 | 5772.7 | 6600.6 | 7006.8 | 7661.3 |
| 47.5° | 3026.0 | 3141.6 | 3278.0 | 3423.6 | 3610.6 | 3812.5 | 4063.5 | 4320.3 | 4652.3 | 4996.3 | 5399.7 |
| 50° | 2623.6 | 2741.2 | 2787.9 | 2863.4 | 2971.6 | 3086.9 | 3228.5 | 3370.0 | 3548.1 | 3728.6 | 3936.1 |
| 52.5° | 2324.9 | 2363.2 | 2414.2 | 2462.1 | 2529.2 | 2660.4 | 2702.9 | 2776.9 | 2876.7 | 2974.3 | 3083.5 |
| 55° | 2096.8 | 2121.7 | 2154.9 | 2183.8 | 2224.4 | 2263.2 | 2319.1 | 2368.4 | 2434.9 | 2493.8 | 2566.2 |
| 57.5° | 1919.3 | 1935.2 | 1958.2 | 1977.2 | 2003.4 | 2025.3 | 2058.0 | 2084.7 | 2123.1 | 2156.4 | 2200.2 |
| 60° | 1790.3 | 1800.9 | 1816.4 | 1828.7 | 1845.4 | 1856.8 | 1873.1 | 1885.7 | 1905.9 | 1922.8 | 1947.2 |
| 62.5° | 1685.0 | 1690.4 | 1700.5 | 1707.8 | 1718.4 | 1724.2 | 1732.9 | 1738.3 | 1749.4 | 1757.9 | 1771.6 |
| 65° | 1558.5 | 1559.8 | 1566.6 | 1569.6 | 1578.0 | 1581.1 | 1588.1 | 1590.7 | 1599.9 | 1606.1 | 1618.2 |
| 67.5° | 1454.9 | 1452.1 | 1452.2 | 1449.8 | 1451.0 | 1448.5 | 1449.2 | 1446.6 | 1450.3 | 1452.2 | 1461.4 |
| 70° | 1360.4 | 1356.4 | 1355.0 | 1350.7 | 1349.4 | 1344.9 | 1343.6 | 1339.6 | 1339.1 | 1337.8 | 1341.1 |
| 72.5° | 1268.2 | 1267.1 | 1267.4 | 1264.4 | 1264.0 | 1261.0 | 1261.1 | 1259.2 | 1261.3 | 1262.2 | 1266.4 |
| 75° | 1162.2 | 1162.5 | 1164.6 | 1161.9 | 1162.7 | 1160.1 | 1161.1 | 1158.7 | 1159.9 | 1159.5 | 1163.7 |
| 77.5° | 1033.2 | 1036.3 | 1041.9 | 1040.8 | 1042.6 | 1039.7 | 1041.0 | 1037.6 | 1038.5 | 1036.3 | 1037.9 |
| 80° | 888.2 | 894.6 | 902.1 | 901.9 | 905.0 | 903.0 | 905.8 | 902.6 | 903.9 | 900.1 | 899.1 |
| 82.5° | 715.9 | 721.4 | 729.4 | 729.7 | 736.8 | 738.1 | 746.0 | 745.6 | 750.6 | 747.4 | 745.2 |
| 85° | 489.4 | 493.1 | 500.2 | 504.0 | 511.3 | 515.8 | 523.3 | 526.4 | 521.0 | 530.9 | 523.1 |
| 87.5° | 255.5 | 265.1 | 259.7 | 272.1 | 269.2 | 281.8 | 279.0 | 290.7 | 288.4 | 298.3 | 297.0 |
| 90° | 98.8 | 100.3 | 108.7 | 110.7 | 120.6 | 123.6 | 128.0 | 124.3 | 128.4 | 125.1 | 129.1 |
| 92.5° | 87.9 | 94.2 | 100.1 | 106.1 | 112.0 | 118.2 | 112.5 | 107.0 | 101.4 | 96.1 | 90.4 |
| 95° | 119.0 | 127.7 | 136.4 | 145.2 | 153.9 | 162.6 | 153.2 | 144.1 | 134.7 | 125.3 | 116.0 |
| 97.5° | 139.6 | 148.9 | 158.3 | 167.7 | 177.1 | 186.5 | 175.4 | 164.4 | 153.3 | 142.5 | 131.3 |
| 100° | 196.3 | 214.6 | 232.7 | 250.9 | 269.1 | 287.2 | 266.7 | 246.0 | 225.6 | 204.9 | 184.3 |
| 102.5° | 392.7 | 434.2 | 475.8 | 517.6 | 559.1 | 600.7 | 557.1 | 513.5 | 469.6 | 425.9 | 382.1 |
| 105° | 731.0 | 797.6 | 864.2 | 930.7 | 997.3 | 1064.2 | 993.3 | 922.4 | 851.4 | 780.7 | 709.6 |
| 107.5° | 1076.4 | 1141.1 | 1206.4 | 1271.2 | 1336.3 | 1401.5 | 1329.7 | 1257.6 | 1186.0 | 1113.9 | 1042.0 |
| 110° | 1275.0 | 1314.0 | 1353.3 | 1392.5 | 1431.6 | 1471.0 | 1418.5 | 1366.2 | 1313.7 | 1261.2 | 1208.7 |



TEST NUMBER: P1444487
 CATALOG NUMBER: EHBR1-54-UNV-TA-L830-UPL36

CANDELA DISTRIBUTION (continued):

| | 302.5° | 305° | 307.5° | 310° | 312.5° | 315° | 317.5° | 320° | 322.5° | 325° | 327.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 1313.6 | 1333.6 | 1353.1 | 1373.0 | 1392.7 | 1412.5 | 1375.1 | 1337.8 | 1300.2 | 1263.1 | 1225.4 |
| 115° | 1234.2 | 1240.6 | 1247.1 | 1253.7 | 1260.2 | 1266.6 | 1241.5 | 1216.4 | 1191.3 | 1166.2 | 1140.7 |
| 117.5° | 1086.9 | 1086.3 | 1085.3 | 1084.8 | 1083.8 | 1083.0 | 1069.1 | 1055.2 | 1041.2 | 1027.2 | 1013.1 |
| 120° | 938.0 | 933.2 | 928.4 | 923.5 | 918.5 | 913.5 | 908.0 | 902.2 | 896.3 | 890.4 | 884.5 |
| 122.5° | 808.8 | 805.9 | 802.6 | 799.3 | 795.9 | 792.5 | 790.5 | 788.6 | 786.6 | 784.5 | 782.2 |
| 125° | 707.7 | 707.9 | 708.2 | 708.5 | 708.5 | 708.8 | 707.8 | 707.0 | 706.0 | 705.2 | 704.1 |
| 127.5° | 639.2 | 642.0 | 644.6 | 647.4 | 649.7 | 652.5 | 652.4 | 652.6 | 652.5 | 652.5 | 652.4 |
| 130° | 597.6 | 602.4 | 606.7 | 610.8 | 614.9 | 619.6 | 619.1 | 618.9 | 618.5 | 618.1 | 617.9 |
| 132.5° | 573.7 | 578.7 | 583.7 | 588.9 | 593.6 | 598.6 | 598.0 | 597.7 | 596.9 | 596.7 | 596.0 |
| 135° | 558.4 | 563.2 | 567.7 | 572.8 | 577.2 | 581.9 | 581.1 | 580.4 | 579.5 | 579.0 | 578.2 |
| 137.5° | 548.3 | 552.6 | 556.2 | 560.1 | 563.6 | 567.5 | 566.5 | 565.9 | 564.9 | 564.4 | 563.5 |
| 140° | 541.5 | 544.7 | 547.7 | 550.8 | 553.8 | 556.8 | 555.6 | 554.6 | 553.4 | 552.4 | 551.2 |
| 142.5° | 536.6 | 539.1 | 541.1 | 543.8 | 545.7 | 548.2 | 546.3 | 544.7 | 543.1 | 541.5 | 539.8 |
| 145° | 535.1 | 536.9 | 538.4 | 539.9 | 541.0 | 542.8 | 540.7 | 538.9 | 536.5 | 534.9 | 532.7 |
| 147.5° | 530.9 | 532.1 | 532.8 | 534.0 | 534.5 | 535.7 | 533.6 | 531.8 | 529.8 | 527.7 | 525.7 |
| 150° | 525.6 | 526.7 | 527.5 | 528.3 | 529.1 | 530.0 | 527.8 | 525.8 | 523.4 | 521.4 | 519.3 |
| 152.5° | 517.9 | 518.8 | 519.6 | 520.2 | 521.0 | 521.7 | 519.5 | 517.8 | 515.6 | 513.4 | 511.3 |
| 155° | 512.9 | 513.8 | 514.1 | 514.7 | 514.9 | 515.4 | 513.5 | 512.0 | 510.3 | 508.5 | 506.7 |
| 157.5° | 510.5 | 511.2 | 511.6 | 511.9 | 512.3 | 512.8 | 511.4 | 510.2 | 508.7 | 507.6 | 506.2 |
| 160° | 509.6 | 510.0 | 510.5 | 510.9 | 511.3 | 511.5 | 510.3 | 509.7 | 508.4 | 507.2 | 505.9 |
| 162.5° | 511.0 | 511.8 | 512.3 | 512.9 | 513.6 | 514.1 | 512.8 | 511.6 | 510.2 | 508.9 | 507.5 |
| 165° | 512.3 | 512.8 | 513.2 | 513.7 | 513.9 | 514.3 | 513.5 | 512.7 | 511.6 | 511.0 | 509.9 |
| 167.5° | 516.0 | 516.7 | 517.0 | 517.4 | 517.6 | 517.9 | 517.1 | 516.4 | 515.4 | 514.4 | 513.4 |
| 170° | 518.0 | 518.5 | 519.2 | 519.8 | 520.2 | 520.4 | 520.0 | 519.3 | 518.5 | 517.7 | 516.8 |
| 172.5° | 521.8 | 522.4 | 522.6 | 523.2 | 523.3 | 523.8 | 523.2 | 522.3 | 521.7 | 520.8 | 519.9 |
| 175° | 521.7 | 521.7 | 522.1 | 522.1 | 522.1 | 522.3 | 521.7 | 521.0 | 520.4 | 519.8 | 519.1 |
| 177.5° | 523.5 | 523.5 | 523.5 | 523.4 | 523.4 | 523.4 | 523.0 | 522.6 | 522.1 | 521.7 | 521.1 |
| 180° | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 |



TEST NUMBER: P1444487
 CATALOG NUMBER: EHBR1-54-UNV-TA-L830-UPL36

CANDELA DISTRIBUTION (continued):

| | 330° | 332.5° | 335° | 337.5° | 340° | 342.5° | 345° | 347.5° | 350° | 352.5° | 355° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 | 43397.9 |
| 2.5° | 43670.5 | 43651.6 | 43639.3 | 43623.7 | 43614.2 | 43602.2 | 43593.3 | 43585.7 | 43579.6 | 43574.0 | 43569.8 |
| 5° | 44284.6 | 44187.0 | 44111.2 | 44029.2 | 43961.8 | 43894.6 | 43842.8 | 43799.9 | 43770.3 | 43748.1 | 43734.8 |
| 7.5° | 45066.5 | 44887.7 | 44728.9 | 44561.6 | 44411.6 | 44264.2 | 44137.1 | 44027.6 | 43945.4 | 43892.1 | 43859.8 |
| 10° | 45764.6 | 45525.5 | 45288.8 | 45039.9 | 44803.8 | 44574.8 | 44363.4 | 44177.4 | 44030.3 | 43932.5 | 43875.4 |
| 12.5° | 46077.6 | 45873.8 | 45632.2 | 45361.9 | 45072.6 | 44779.8 | 44494.5 | 44237.1 | 44021.1 | 43876.2 | 43792.6 |
| 15° | 45802.0 | 45718.3 | 45554.4 | 45344.5 | 45069.9 | 44767.3 | 44432.2 | 44117.3 | 43827.7 | 43639.8 | 43530.9 |
| 17.5° | 44905.3 | 45022.1 | 45009.5 | 44929.2 | 44731.9 | 44477.1 | 44135.7 | 43782.0 | 43419.6 | 43168.5 | 43031.4 |
| 20° | 43392.1 | 43759.1 | 43945.4 | 44041.0 | 43963.4 | 43798.3 | 43489.1 | 43130.1 | 42707.7 | 42380.0 | 42179.9 |
| 22.5° | 41265.7 | 41913.7 | 42317.5 | 42613.0 | 42675.7 | 42619.4 | 42346.5 | 42005.0 | 41534.2 | 41140.3 | 40844.7 |
| 25° | 38528.2 | 39477.6 | 40115.9 | 40616.2 | 40810.5 | 40860.6 | 40628.4 | 40288.9 | 39764.1 | 39305.1 | 38899.3 |
| 27.5° | 35303.9 | 36537.5 | 37389.7 | 38061.9 | 38365.4 | 38497.0 | 38283.3 | 37936.8 | 37316.0 | 36768.0 | 36237.9 |
| 30° | 31674.0 | 33137.6 | 34163.6 | 34969.7 | 35339.6 | 35513.4 | 35286.4 | 34899.7 | 34177.2 | 33517.8 | 32850.0 |
| 32.5° | 27788.8 | 29390.4 | 30508.3 | 31383.8 | 31750.3 | 31914.0 | 31616.8 | 31182.6 | 30347.5 | 29570.7 | 28791.9 |
| 35° | 23721.0 | 25337.6 | 26465.0 | 27317.1 | 27624.4 | 27722.9 | 27343.1 | 26841.1 | 25915.9 | 25063.3 | 24214.1 |
| 37.5° | 19570.4 | 21074.5 | 22099.1 | 22863.9 | 23054.0 | 23071.0 | 22613.3 | 22058.9 | 21086.4 | 20245.7 | 19400.5 |
| 40° | 15455.7 | 16724.1 | 17551.4 | 18163.5 | 18229.5 | 18170.7 | 17673.0 | 17115.1 | 16205.3 | 15452.1 | 14710.1 |
| 42.5° | 11579.9 | 12537.3 | 13127.6 | 13547.1 | 13522.1 | 13405.8 | 12949.5 | 12469.9 | 11719.4 | 11145.7 | 10561.8 |
| 45° | 8259.3 | 8890.6 | 9235.8 | 9481.3 | 9402.4 | 9291.6 | 8936.5 | 8600.3 | 8090.3 | 7719.7 | 7327.3 |
| 47.5° | 5737.9 | 6491.8 | 6360.5 | 6840.4 | 6426.9 | 6700.0 | 6131.3 | 5817.8 | 5547.1 | 5350.3 | 5128.5 |
| 50° | 4107.8 | 4280.6 | 4364.0 | 4421.0 | 4390.7 | 4348.8 | 4246.6 | 4155.2 | 4031.6 | 3941.5 | 3836.5 |
| 52.5° | 3172.4 | 3258.7 | 3306.0 | 3340.3 | 3333.6 | 3318.3 | 3273.7 | 3233.0 | 3175.1 | 3136.9 | 3091.0 |
| 55° | 2687.1 | 2688.4 | 2775.4 | 2738.1 | 2793.3 | 2728.6 | 2754.0 | 2682.5 | 2694.1 | 2632.6 | 2591.2 |
| 57.5° | 2232.9 | 2268.3 | 2284.3 | 2299.6 | 2295.3 | 2292.6 | 2275.4 | 2266.6 | 2247.3 | 2241.3 | 2227.4 |
| 60° | 1964.2 | 1982.6 | 1986.5 | 1993.6 | 1987.6 | 1985.4 | 1971.9 | 1967.1 | 1954.0 | 1951.6 | 1942.5 |
| 62.5° | 1779.8 | 1789.3 | 1789.3 | 1789.3 | 1781.6 | 1774.2 | 1759.2 | 1751.4 | 1740.3 | 1737.9 | 1732.5 |
| 65° | 1626.0 | 1635.9 | 1637.5 | 1639.6 | 1634.0 | 1628.2 | 1615.0 | 1606.5 | 1595.0 | 1590.7 | 1584.5 |
| 67.5° | 1467.4 | 1477.8 | 1481.3 | 1486.7 | 1483.4 | 1482.2 | 1473.3 | 1469.9 | 1462.3 | 1460.6 | 1454.9 |
| 70° | 1342.7 | 1347.0 | 1346.7 | 1346.5 | 1339.5 | 1333.2 | 1322.7 | 1317.8 | 1309.9 | 1308.3 | 1303.1 |
| 72.5° | 1268.5 | 1271.6 | 1269.6 | 1266.9 | 1257.7 | 1248.4 | 1236.2 | 1227.2 | 1216.9 | 1210.5 | 1203.2 |
| 75° | 1164.1 | 1168.2 | 1165.5 | 1163.9 | 1155.6 | 1149.5 | 1139.7 | 1134.7 | 1127.5 | 1125.4 | 1120.4 |
| 77.5° | 1036.0 | 1037.9 | 1033.7 | 1033.2 | 1026.9 | 1023.1 | 1015.7 | 1014.4 | 1009.1 | 1009.3 | 1004.4 |
| 80° | 893.3 | 892.1 | 885.4 | 884.2 | 877.9 | 876.3 | 870.5 | 870.8 | 866.5 | 868.3 | 865.0 |
| 82.5° | 735.0 | 731.0 | 722.2 | 719.6 | 712.4 | 711.7 | 707.9 | 711.1 | 708.5 | 712.4 | 710.1 |
| 85° | 526.7 | 527.8 | 524.0 | 524.0 | 521.9 | 522.6 | 522.2 | 524.7 | 524.9 | 528.5 | 528.4 |
| 87.5° | 293.7 | 297.9 | 297.0 | 301.0 | 300.8 | 305.1 | 306.6 | 313.0 | 313.8 | 319.7 | 319.7 |
| 90° | 125.7 | 130.5 | 126.9 | 131.8 | 130.4 | 136.5 | 136.1 | 142.2 | 141.2 | 146.2 | 143.8 |
| 92.5° | 84.9 | 79.3 | 74.0 | 68.3 | 65.5 | 62.4 | 60.2 | 56.9 | 54.4 | 51.3 | 48.5 |
| 95° | 106.6 | 97.2 | 87.9 | 78.5 | 75.3 | 71.9 | 68.8 | 65.6 | 62.3 | 59.1 | 55.9 |
| 97.5° | 120.3 | 109.2 | 98.2 | 87.1 | 84.3 | 81.6 | 78.6 | 75.9 | 73.1 | 70.3 | 67.5 |
| 100° | 163.5 | 142.9 | 122.4 | 101.6 | 99.3 | 96.9 | 94.6 | 92.3 | 89.9 | 87.4 | 85.1 |
| 102.5° | 338.4 | 294.5 | 250.7 | 206.8 | 198.5 | 190.2 | 181.9 | 173.5 | 165.1 | 156.9 | 148.6 |
| 105° | 638.6 | 567.6 | 496.5 | 425.5 | 402.9 | 380.3 | 357.7 | 335.1 | 312.5 | 289.9 | 267.3 |
| 107.5° | 969.9 | 897.7 | 825.7 | 753.6 | 712.1 | 670.3 | 628.6 | 586.7 | 545.2 | 503.2 | 461.5 |
| 110° | 1156.3 | 1103.6 | 1051.0 | 998.2 | 964.9 | 931.3 | 897.6 | 864.0 | 830.4 | 796.7 | 763.0 |



TEST NUMBER: P1444487
 CATALOG NUMBER: EHBR1-54-UNV-TA-L830-UPL36

CANDELA DISTRIBUTION (continued):

| | 330° | 332.5° | 335° | 337.5° | 340° | 342.5° | 345° | 347.5° | 350° | 352.5° | 355° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 1187.9 | 1150.3 | 1112.8 | 1074.9 | 1059.8 | 1044.5 | 1029.4 | 1014.2 | 999.0 | 983.5 | 968.4 |
| 115° | 1115.4 | 1090.1 | 1064.8 | 1039.2 | 1034.1 | 1028.7 | 1023.5 | 1018.0 | 1012.7 | 1007.1 | 1001.6 |
| 117.5° | 999.1 | 984.9 | 970.7 | 956.5 | 957.4 | 958.4 | 959.5 | 960.3 | 961.1 | 961.7 | 962.5 |
| 120° | 878.5 | 872.6 | 866.8 | 860.7 | 865.6 | 870.2 | 875.1 | 879.6 | 884.1 | 888.4 | 892.8 |
| 122.5° | 780.1 | 777.8 | 775.8 | 773.3 | 779.2 | 785.0 | 790.5 | 796.1 | 801.5 | 806.7 | 811.8 |
| 125° | 703.4 | 702.3 | 701.3 | 700.0 | 706.1 | 711.8 | 717.6 | 723.0 | 728.6 | 733.6 | 739.0 |
| 127.5° | 652.4 | 652.4 | 652.4 | 652.1 | 656.6 | 660.6 | 664.8 | 668.5 | 672.6 | 676.0 | 679.6 |
| 130° | 617.5 | 616.9 | 616.7 | 616.2 | 620.1 | 623.9 | 627.8 | 631.2 | 634.8 | 637.8 | 640.8 |
| 132.5° | 595.6 | 594.9 | 594.4 | 593.8 | 596.8 | 599.5 | 602.4 | 604.6 | 607.2 | 609.1 | 611.2 |
| 135° | 577.6 | 576.6 | 576.0 | 575.0 | 577.9 | 580.5 | 583.1 | 585.3 | 587.6 | 589.3 | 591.3 |
| 137.5° | 562.8 | 561.9 | 561.1 | 560.2 | 562.8 | 565.1 | 567.4 | 569.3 | 571.3 | 573.1 | 574.6 |
| 140° | 550.3 | 548.9 | 548.2 | 546.8 | 549.1 | 551.1 | 553.2 | 555.0 | 556.9 | 558.2 | 559.7 |
| 142.5° | 538.2 | 536.3 | 535.0 | 533.1 | 534.8 | 536.3 | 537.8 | 539.1 | 540.5 | 541.5 | 542.4 |
| 145° | 530.7 | 528.4 | 526.7 | 524.6 | 525.8 | 527.0 | 528.2 | 529.4 | 530.1 | 530.7 | 531.6 |
| 147.5° | 523.9 | 521.7 | 519.6 | 517.5 | 518.8 | 519.5 | 520.3 | 520.8 | 521.8 | 522.2 | 522.7 |
| 150° | 517.2 | 514.7 | 512.5 | 510.2 | 511.1 | 511.6 | 512.2 | 512.9 | 513.5 | 513.8 | 514.3 |
| 152.5° | 509.2 | 507.0 | 504.9 | 502.5 | 503.1 | 503.5 | 503.9 | 504.2 | 504.7 | 504.9 | 505.2 |
| 155° | 504.9 | 503.0 | 501.0 | 499.0 | 499.6 | 499.8 | 500.1 | 500.3 | 500.5 | 500.6 | 500.7 |
| 157.5° | 504.7 | 502.8 | 501.7 | 499.8 | 499.8 | 499.9 | 500.0 | 499.5 | 499.5 | 499.3 | 499.1 |
| 160° | 504.9 | 503.4 | 502.2 | 500.8 | 500.6 | 500.5 | 500.6 | 500.1 | 500.0 | 499.5 | 499.4 |
| 162.5° | 506.0 | 504.5 | 502.8 | 501.2 | 501.0 | 501.1 | 501.0 | 500.6 | 500.6 | 500.1 | 499.8 |
| 165° | 508.9 | 507.8 | 506.7 | 505.3 | 505.1 | 504.8 | 504.6 | 503.9 | 503.7 | 503.0 | 502.5 |
| 167.5° | 512.3 | 511.3 | 509.9 | 508.6 | 508.6 | 508.7 | 508.6 | 508.4 | 508.3 | 507.8 | 507.7 |
| 170° | 515.9 | 515.0 | 514.2 | 513.1 | 512.8 | 512.7 | 512.3 | 512.0 | 511.5 | 511.2 | 510.7 |
| 172.5° | 518.8 | 518.0 | 517.0 | 515.8 | 515.8 | 515.7 | 515.4 | 515.2 | 514.7 | 514.4 | 514.3 |
| 175° | 518.3 | 517.7 | 516.7 | 516.0 | 515.9 | 515.8 | 515.6 | 515.4 | 515.1 | 514.9 | 514.6 |
| 177.5° | 520.7 | 520.2 | 519.5 | 519.0 | 518.9 | 518.9 | 518.7 | 518.6 | 518.6 | 518.5 | 518.3 |
| 180° | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 |



TEST NUMBER: P1444487
CATALOG NUMBER: EHBR1-54-UNV-TA-L830-UPL36

CANDELA DISTRIBUTION (continued):

| | 357.5° | 360° |
|--------|---------|---------|
| 0° | 43397.9 | 43397.9 |
| 2.5° | 43566.0 | 43563.7 |
| 5° | 43727.9 | 43725.4 |
| 7.5° | 43851.2 | 43850.3 |
| 10° | 43865.6 | 43873.2 |
| 12.5° | 43778.1 | 43784.2 |
| 15° | 43522.6 | 43534.5 |
| 17.5° | 43033.9 | 43049.5 |
| 20° | 42192.1 | 42208.4 |
| 22.5° | 40828.8 | 40835.6 |
| 25° | 38846.8 | 38818.7 |
| 27.5° | 36144.8 | 36096.4 |
| 30° | 32709.8 | 32662.9 |
| 32.5° | 28614.3 | 28585.1 |
| 35° | 24004.2 | 23985.7 |
| 37.5° | 19150.6 | 19113.0 |
| 40° | 14438.7 | 14329.0 |
| 42.5° | 10306.0 | 10113.5 |
| 45° | 7122.4 | 6894.2 |
| 47.5° | 4972.1 | 4831.1 |
| 50° | 3768.8 | 3723.2 |
| 52.5° | 3070.9 | 3060.2 |
| 55° | 2591.1 | 2586.4 |
| 57.5° | 2230.5 | 2228.9 |
| 60° | 1947.2 | 1946.8 |
| 62.5° | 1736.1 | 1736.8 |
| 65° | 1587.3 | 1587.6 |
| 67.5° | 1456.4 | 1455.5 |
| 70° | 1305.0 | 1303.9 |
| 72.5° | 1200.9 | 1199.1 |
| 75° | 1120.4 | 1119.3 |
| 77.5° | 1005.8 | 1004.2 |
| 80° | 867.2 | 865.0 |
| 82.5° | 713.3 | 710.8 |
| 85° | 532.1 | 532.2 |
| 87.5° | 325.5 | 325.4 |
| 90° | 148.6 | 145.4 |
| 92.5° | 46.2 | 43.7 |
| 95° | 52.7 | 49.6 |
| 97.5° | 64.8 | 62.0 |
| 100° | 82.7 | 80.4 |
| 102.5° | 140.3 | 132.0 |
| 105° | 244.8 | 222.2 |
| 107.5° | 419.7 | 378.1 |
| 110° | 729.4 | 695.8 |



TEST NUMBER: P1444487
CATALOG NUMBER: EHBR1-54-UNV-TA-L830-UPL36

CANDELA DISTRIBUTION (continued):

| | 357.5° | 360° |
|--------|--------|-------|
| 112.5° | 952.9 | 937.6 |
| 115° | 995.8 | 990.3 |
| 117.5° | 962.9 | 963.5 |
| 120° | 896.7 | 900.9 |
| 122.5° | 816.7 | 821.6 |
| 125° | 743.7 | 748.7 |
| 127.5° | 682.8 | 685.8 |
| 130° | 643.1 | 646.0 |
| 132.5° | 612.8 | 614.2 |
| 135° | 592.5 | 593.8 |
| 137.5° | 575.6 | 576.7 |
| 140° | 560.3 | 561.4 |
| 142.5° | 543.0 | 543.6 |
| 145° | 532.1 | 532.4 |
| 147.5° | 522.4 | 522.7 |
| 150° | 514.2 | 514.3 |
| 152.5° | 504.9 | 505.1 |
| 155° | 500.4 | 500.4 |
| 157.5° | 498.5 | 498.1 |
| 160° | 498.7 | 498.4 |
| 162.5° | 499.3 | 499.0 |
| 165° | 501.7 | 501.0 |
| 167.5° | 507.1 | 507.0 |
| 170° | 510.2 | 509.9 |
| 172.5° | 513.8 | 513.4 |
| 175° | 514.4 | 514.3 |
| 177.5° | 518.3 | 517.9 |
| 180° | 521.0 | 521.0 |

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

Report Prepared for

Cooper Lighting Solutions

Metalux

Report Number: SP1-2506-472-2

Test Date: 07/31/2025

Luminaire Tested: EHBR-60-L830-N

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

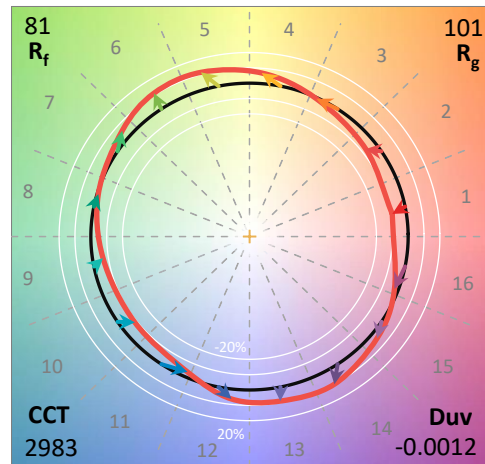
Test Information

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

Spectral Parameters

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

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



Test Conditions

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

REPORT NUMBER: SP1-2506-472-2

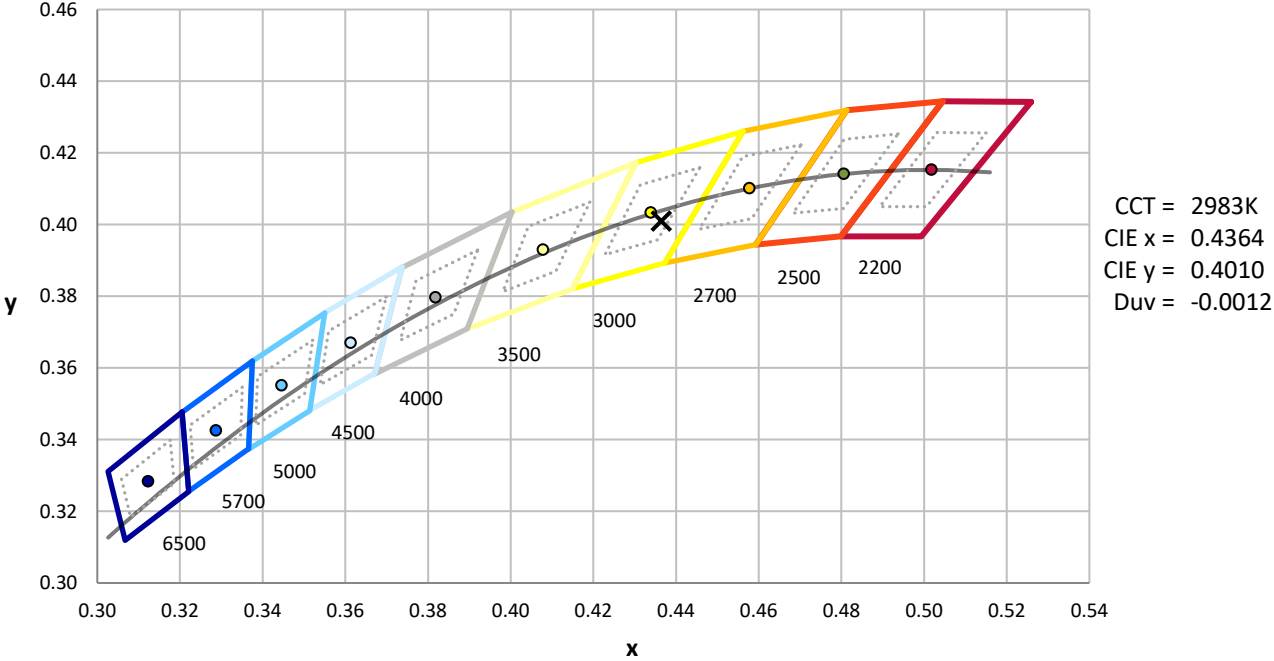
| Measurement and Test Equipment | | | |
|--------------------------------|-----------------------|------------------|----------------------|
| Instrument | Identification Number | Calibration Date | Calibration Due Date |
| Photometer | 76INCH SPHERE IN0058 | 6/16/2025 | 12/16/2025 |
| Power Meter |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

REPORT NUMBER: SP1-2506-472-2

CIE 1931 Chromaticity Diagram



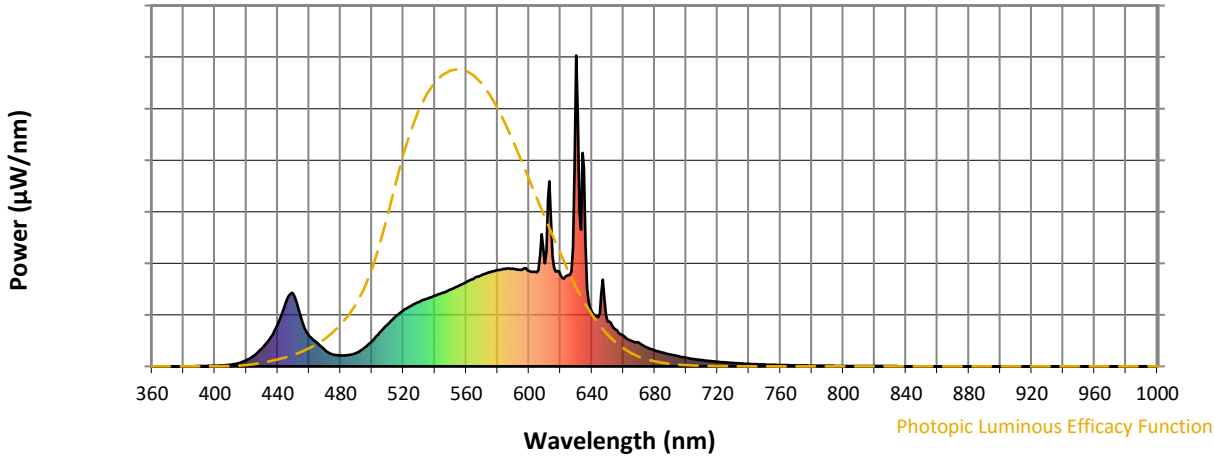
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2506-472-2

Photopic Flux vs. Wavelength

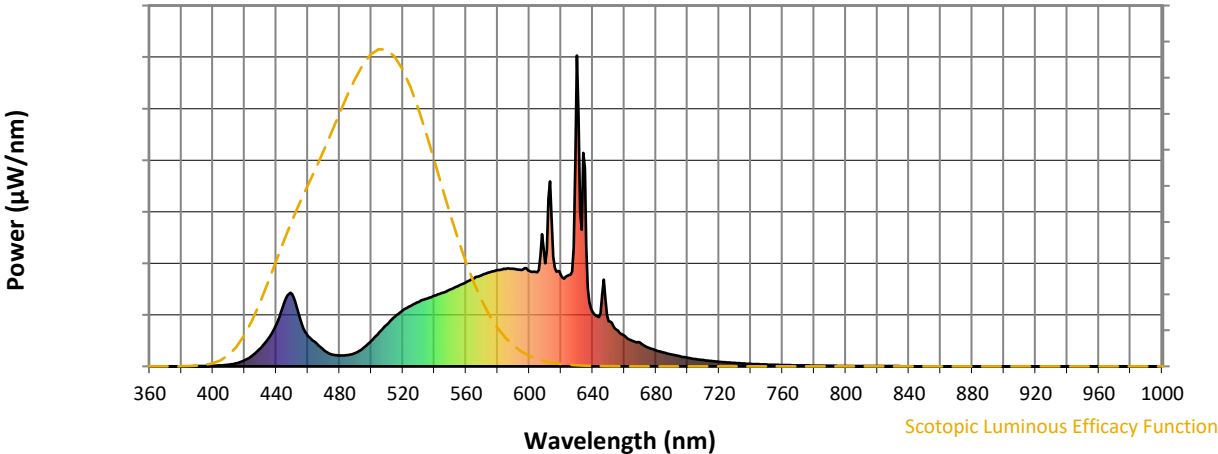


Photopic Lumens: NR

| 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

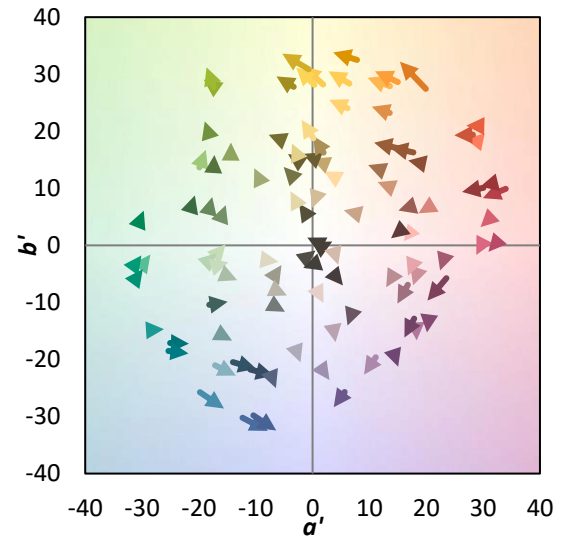
| λ (nm) | Power W [^] /nm | Lumens (ϕ /nm) | λ (nm) | Power W [^] /nm | Lumens (ϕ /nm) | λ (nm) | Power W [^] /nm | Lumens (ϕ /nm) | λ (nm) | Power W [^] /nm | Lumens (ϕ /nm) | λ (nm) | Power W [^] /nm | Lumens (ϕ /nm) |
|-------------------|-----------------------------|-------------------------|-------------------|-----------------------------|-------------------------|-------------------|-----------------------------|-------------------------|-------------------|-----------------------------|-------------------------|-------------------|-----------------------------|-------------------------|
| 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 $R_a = 83.4$
 $R_9 = 29.4$

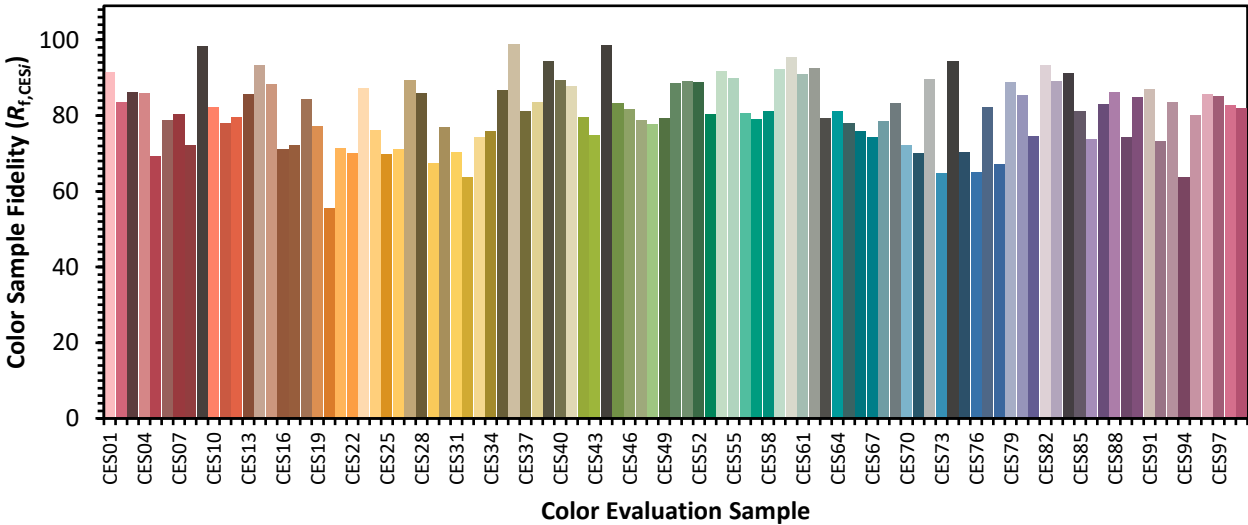


Color Vector Graphics

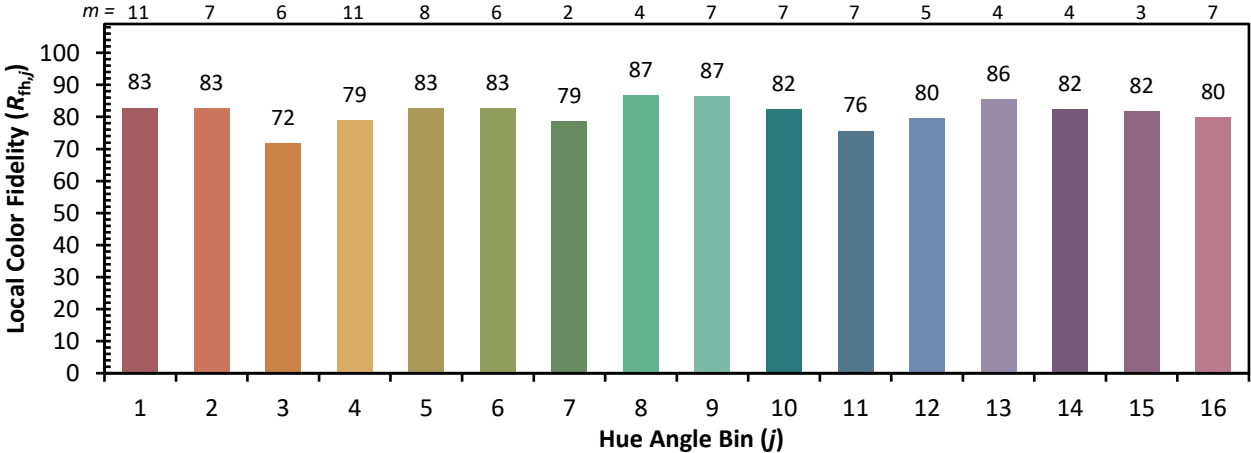


Individual Sample Fidelity Index ($R_{f,i}$)

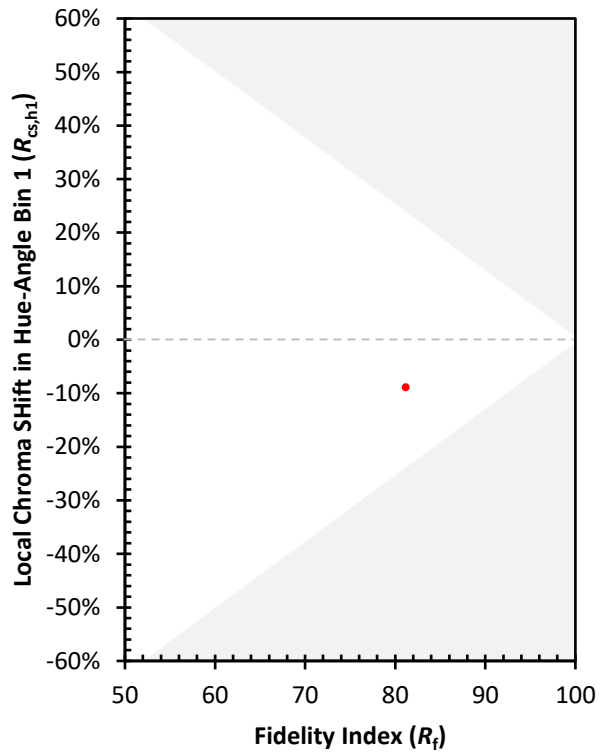
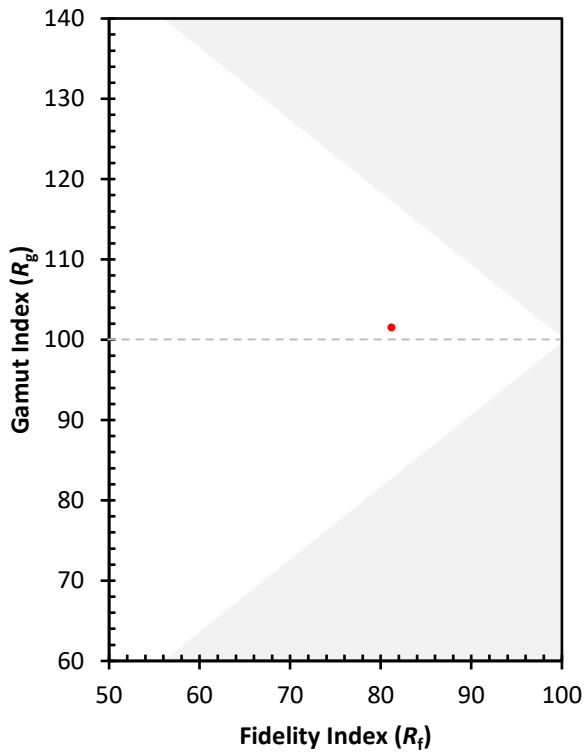
| | | | |
|------------|------------|------------|------------|
| CES01 = 86 | CES26 = 71 | CES51 = 89 | CES76 = 65 |
| CES02 = 63 | CES27 = 89 | CES52 = 89 | CES77 = 82 |
| CES03 = 31 | CES28 = 86 | CES53 = 80 | CES78 = 67 |
| CES04 = 70 | CES29 = 68 | CES54 = 92 | CES79 = 89 |
| CES05 = 50 | CES30 = 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)