

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: CORELITE

Report Number: P935626

Luminaire Tested: SQ4-FA-125U-100D-92765-1D-UNV-STD-W-12-3000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935626
REPORT IS A COMBINATION OF REPORTS P933761 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-125U-100D-92765-1D-UNV-STD-W-12-3000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

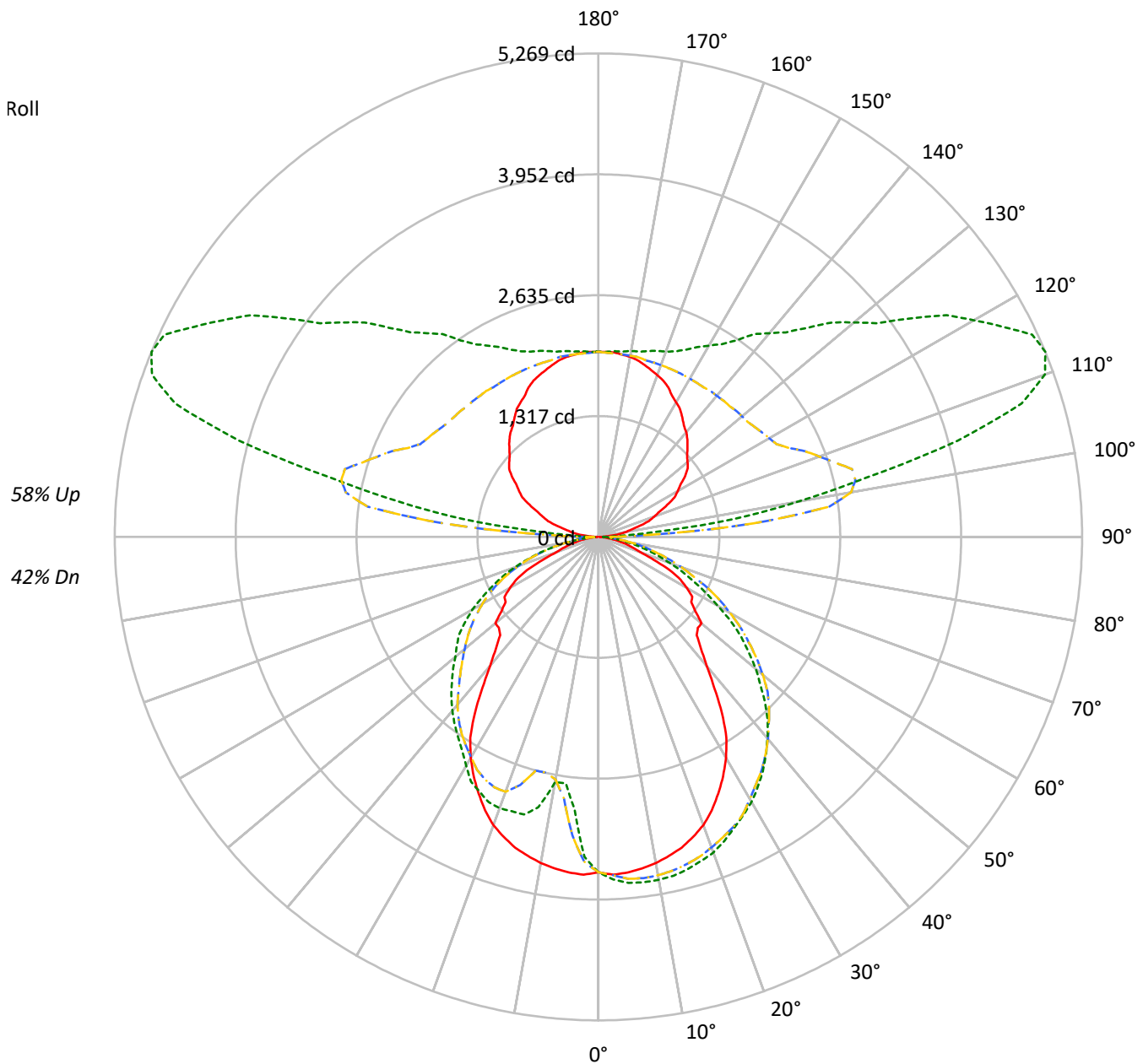
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 22563.9 lumens
Efficiency: N/A
Efficacy: 116.8 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 12' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 193.2
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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



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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 | 0 |
| RCR | | | | | | | | | | | | | | | | | | |
| 0 | 105 | 105 | 105 | 105 | 96 | 96 | 96 | 96 | 79 | 79 | 79 | 63 | 63 | 63 | 49 | 49 | 49 | 42 |
| 1 | 96 | 92 | 88 | 85 | 88 | 84 | 81 | 78 | 69 | 67 | 65 | 56 | 54 | 53 | 43 | 42 | 41 | 35 |
| 2 | 87 | 80 | 74 | 69 | 80 | 73 | 68 | 64 | 61 | 57 | 54 | 49 | 46 | 44 | 38 | 36 | 35 | 30 |
| 3 | 80 | 70 | 63 | 57 | 72 | 65 | 58 | 53 | 53 | 49 | 45 | 43 | 40 | 37 | 34 | 31 | 30 | 25 |
| 4 | 73 | 62 | 54 | 49 | 66 | 57 | 50 | 45 | 47 | 42 | 38 | 38 | 35 | 32 | 30 | 28 | 25 | 22 |
| 5 | 67 | 55 | 47 | 41 | 61 | 51 | 44 | 39 | 42 | 37 | 33 | 34 | 31 | 27 | 27 | 24 | 22 | 19 |
| 6 | 62 | 50 | 42 | 36 | 56 | 46 | 39 | 33 | 38 | 33 | 29 | 31 | 27 | 24 | 24 | 22 | 19 | 16 |
| 7 | 57 | 45 | 37 | 31 | 52 | 41 | 34 | 29 | 34 | 29 | 25 | 28 | 24 | 21 | 22 | 19 | 17 | 15 |
| 8 | 53 | 40 | 33 | 28 | 48 | 37 | 31 | 26 | 31 | 26 | 22 | 26 | 22 | 19 | 20 | 18 | 15 | 13 |
| 9 | 49 | 37 | 30 | 25 | 45 | 34 | 27 | 23 | 29 | 24 | 20 | 24 | 20 | 17 | 19 | 16 | 14 | 12 |
| 10 | 46 | 34 | 27 | 22 | 42 | 31 | 25 | 21 | 26 | 21 | 18 | 22 | 18 | 15 | 17 | 15 | 13 | 11 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 11301 | 11301 | 11301 | 11301 |
| 5° | 11389 | 11408 | 11389 | 8970 |
| 10° | 11317 | 11237 | 11317 | 8033 |
| 15° | 11198 | 10993 | 11198 | 9180 |
| 20° | 10969 | 10705 | 10969 | 9199 |
| 25° | 10494 | 10284 | 10494 | 9004 |
| 30° | 9878 | 9935 | 9878 | 8576 |
| 35° | 8811 | 9493 | 8811 | 8105 |
| 40° | 7346 | 8973 | 7346 | 7750 |
| 45° | 6567 | 8365 | 6567 | 7342 |
| 50° | 6983 | 7639 | 6983 | 6931 |
| 55° | 6576 | 6856 | 6576 | 6694 |
| 60° | 6787 | 5823 | 6787 | 6131 |
| 65° | 6164 | 4814 | 6164 | 5381 |
| 70° | 4278 | 3836 | 4278 | 4511 |
| 75° | 3766 | 2836 | 3766 | 3396 |
| 80° | 3056 | 1875 | 3056 | 2041 |
| 85° | 1792 | 993 | 1792 | 845 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 10059 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 329.8 | 1.5 |
| 10°-20° | 936.4 | 4.1 |
| 20°-30° | 1447.5 | 6.4 |
| 30°-40° | 1728.0 | 7.7 |
| 40°-50° | 1738.1 | 7.7 |
| 50°-60° | 1512.3 | 6.7 |
| 60°-70° | 1072.3 | 4.8 |
| 70°-80° | 567.3 | 2.5 |
| 80°-90° | 149.0 | 0.7 |
| 90°-100° | 983.8 | 4.4 |
| 100°-110° | 2586.4 | 11.5 |
| 110°-120° | 2681.8 | 11.9 |
| 120°-130° | 2151.1 | 9.5 |
| 130°-140° | 1687.9 | 7.5 |
| 140°-150° | 1295.5 | 5.7 |
| 150°-160° | 933.0 | 4.1 |
| 160°-170° | 570.9 | 2.5 |
| 170°-180° | 192.9 | 0.9 |
| 0°-30° | 2713.6 | 12.0 |
| 0°-40° | 4441.6 | 19.7 |
| 0°-60° | 7692.0 | 34.1 |
| 0°-90° | 9480.6 | 42.0 |
| 90°-120° | 6252.0 | 27.7 |
| 90°-150° | 11386.5 | 50.5 |
| 90°-180° | 13083.0 | 58.0 |
| 0°-180° | 22563.9 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 3654 | 3654 | 3654 | 3654 | 3654 | |
| 5° | 3671 | 3785 | 3671 | 2976 | 3671 | 348 |
| 15° | 3505 | 3750 | 3505 | 3132 | 3505 | 986 |
| 25° | 3087 | 3498 | 3087 | 3062 | 3087 | 1417 |
| 35° | 2347 | 3121 | 2347 | 2665 | 2347 | 1452 |
| 45° | 1514 | 2572 | 1514 | 2257 | 1514 | 1213 |
| 55° | 1234 | 1898 | 1234 | 1853 | 1234 | 1134 |
| 65° | 857 | 1144 | 857 | 1279 | 857 | 819 |
| 75° | 325 | 543 | 325 | 650 | 325 | 342 |
| 85° | 55 | 138 | 55 | 118 | 55 | 75 |
| 90° | 14 | 52 | 14 | 52 | 14 | 13 |
| 95° | 130 | 595 | 130 | 595 | 130 | 144 |
| 105° | 466 | 4050 | 466 | 4050 | 466 | 494 |
| 115° | 828 | 5215 | 828 | 5215 | 828 | 817 |
| 125° | 1151 | 4153 | 1151 | 4153 | 1151 | 1022 |
| 135° | 1372 | 3222 | 1372 | 3222 | 1372 | 1062 |
| 145° | 1592 | 2614 | 1592 | 2614 | 1592 | 997 |
| 155° | 1799 | 2251 | 1799 | 2251 | 1799 | 826 |
| 165° | 1941 | 2097 | 1941 | 2097 | 1941 | 548 |
| 175° | 2018 | 2032 | 2018 | 2032 | 2018 | 192 |
| 180° | 2018 | 2018 | 2018 | 2018 | 2018 | |



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CATALOG NUMBER: SQ4-FA-125U-100D-92765-1D-UNV-STD-W-12-3000K

CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3653.5 | 3653.5 | 3653.5 | 3653.5 | 3653.5 | 3653.5 | 3653.5 | 3653.5 | 3653.5 | 3653.5 | 3653.5 |
| 2.5° | 3684.6 | 3684.6 | 3705.4 | 3712.2 | 3712.2 | 3701.9 | 3691.5 | 3701.9 | 3733.0 | 3743.4 | 3739.9 |
| 5° | 3670.8 | 3698.5 | 3736.5 | 3743.4 | 3750.3 | 3746.9 | 3739.9 | 3746.9 | 3781.4 | 3788.3 | 3791.8 |
| 7.5° | 3643.1 | 3695.0 | 3743.4 | 3753.8 | 3764.1 | 3753.8 | 3750.3 | 3757.2 | 3791.8 | 3798.7 | 3798.7 |
| 10° | 3608.6 | 3681.2 | 3736.5 | 3743.4 | 3753.8 | 3743.4 | 3743.4 | 3757.2 | 3791.8 | 3798.7 | 3802.2 |
| 12.5° | 3560.2 | 3660.4 | 3712.2 | 3719.2 | 3733.0 | 3729.5 | 3726.1 | 3739.9 | 3774.5 | 3781.4 | 3781.4 |
| 15° | 3504.9 | 3622.4 | 3670.8 | 3677.7 | 3701.9 | 3695.0 | 3695.0 | 3708.8 | 3746.9 | 3757.2 | 3753.8 |
| 17.5° | 3428.8 | 3574.0 | 3629.3 | 3639.7 | 3657.0 | 3653.5 | 3657.0 | 3670.8 | 3705.4 | 3712.2 | 3715.7 |
| 20° | 3342.4 | 3508.4 | 3574.0 | 3584.4 | 3601.7 | 3601.7 | 3601.7 | 3618.9 | 3653.5 | 3667.3 | 3667.3 |
| 22.5° | 3224.9 | 3439.2 | 3508.4 | 3515.3 | 3536.0 | 3536.0 | 3542.9 | 3567.1 | 3598.2 | 3601.7 | 3601.7 |
| 25° | 3086.7 | 3363.2 | 3421.9 | 3442.7 | 3463.4 | 3473.7 | 3484.1 | 3498.0 | 3508.4 | 3504.9 | 3508.4 |
| 27.5° | 2941.5 | 3266.4 | 3342.4 | 3356.3 | 3383.9 | 3394.3 | 3408.1 | 3411.6 | 3415.0 | 3425.3 | 3418.5 |
| 30° | 2779.0 | 3131.6 | 3245.6 | 3259.5 | 3304.4 | 3311.3 | 3297.5 | 3304.4 | 3321.7 | 3328.6 | 3335.5 |
| 32.5° | 2595.8 | 2931.1 | 3145.4 | 3176.5 | 3218.0 | 3197.2 | 3193.8 | 3204.2 | 3231.8 | 3231.8 | 3238.7 |
| 35° | 2347.0 | 2775.6 | 3052.1 | 3079.8 | 3110.8 | 3086.7 | 3100.4 | 3103.9 | 3121.2 | 3131.6 | 3128.2 |
| 37.5° | 2073.9 | 2640.8 | 2955.3 | 2976.1 | 3000.2 | 2969.1 | 2989.9 | 3000.2 | 3014.1 | 3007.1 | 3007.1 |
| 40° | 1832.0 | 2429.9 | 2841.3 | 2855.0 | 2875.8 | 2851.6 | 2872.3 | 2879.3 | 2886.2 | 2879.3 | 2875.8 |
| 42.5° | 1652.2 | 2198.3 | 2720.2 | 2737.6 | 2723.7 | 2741.0 | 2747.9 | 2761.7 | 2751.4 | 2737.6 | 2737.6 |
| 45° | 1513.9 | 2136.1 | 2588.9 | 2609.6 | 2588.9 | 2616.5 | 2626.9 | 2626.9 | 2595.8 | 2588.9 | 2585.5 |
| 47.5° | 1469.0 | 2011.7 | 2457.6 | 2457.6 | 2447.2 | 2481.7 | 2499.1 | 2474.8 | 2443.7 | 2433.4 | 2433.4 |
| 50° | 1465.5 | 1873.4 | 2277.8 | 2264.0 | 2312.4 | 2353.9 | 2336.6 | 2312.4 | 2288.2 | 2250.2 | 2250.2 |
| 52.5° | 1330.7 | 1704.0 | 2046.2 | 2098.1 | 2174.2 | 2198.3 | 2170.7 | 2146.5 | 2105.0 | 2087.7 | 2073.9 |
| 55° | 1233.9 | 1527.8 | 1835.4 | 1939.1 | 2018.6 | 2049.7 | 1997.8 | 1973.7 | 1911.4 | 1901.0 | 1894.1 |
| 57.5° | 1213.3 | 1271.9 | 1641.9 | 1773.2 | 1870.0 | 1866.5 | 1835.4 | 1790.5 | 1738.6 | 1728.3 | 1724.8 |
| 60° | 1113.0 | 919.4 | 1434.4 | 1590.0 | 1690.3 | 1679.9 | 1652.2 | 1610.7 | 1562.3 | 1555.4 | 1548.5 |
| 62.5° | 1009.3 | 667.1 | 1199.4 | 1375.7 | 1517.4 | 1513.9 | 1489.8 | 1427.5 | 1393.0 | 1375.7 | 1361.9 |
| 65° | 857.2 | 559.9 | 853.7 | 1144.1 | 1348.0 | 1355.0 | 1303.1 | 1258.2 | 1220.1 | 1199.4 | 1195.9 |
| 67.5° | 653.2 | 456.2 | 577.2 | 954.0 | 1185.6 | 1178.6 | 1113.0 | 1092.2 | 1043.8 | 1033.4 | 1012.8 |
| 70° | 483.9 | 304.2 | 401.0 | 774.3 | 1026.6 | 1009.3 | 957.4 | 933.3 | 888.3 | 864.1 | 850.3 |
| 72.5° | 401.0 | 245.4 | 293.8 | 601.4 | 864.1 | 843.3 | 798.4 | 770.8 | 732.8 | 712.0 | 698.2 |
| 75° | 324.9 | 259.3 | 224.6 | 445.9 | 701.6 | 687.9 | 646.4 | 618.7 | 587.6 | 559.9 | 563.4 |
| 77.5° | 238.5 | 242.0 | 179.7 | 328.4 | 556.5 | 535.8 | 511.5 | 477.0 | 463.1 | 435.5 | 435.5 |
| 80° | 179.7 | 190.1 | 134.8 | 224.6 | 401.0 | 401.0 | 380.2 | 356.1 | 331.8 | 318.0 | 318.0 |
| 82.5° | 121.0 | 121.0 | 100.2 | 141.7 | 273.0 | 262.7 | 248.9 | 242.0 | 228.1 | 221.2 | 221.2 |
| 85° | 55.3 | 69.2 | 62.2 | 86.4 | 148.6 | 155.6 | 155.6 | 148.6 | 145.2 | 138.2 | 141.7 |
| 87.5° | 17.3 | 31.1 | 38.0 | 48.4 | 76.0 | 79.5 | 82.9 | 82.9 | 82.9 | 86.4 | 86.4 |
| 90° | 13.5 | 24.3 | 35.2 | 37.9 | 59.6 | 88.4 | 102.9 | 91.5 | 68.6 | 51.5 | 51.5 |
| 92.5° | 54.2 | 146.2 | 238.4 | 261.4 | 367.6 | 509.0 | 579.7 | 508.0 | 364.8 | 257.3 | 247.1 |
| 95° | 130.0 | 298.6 | 467.1 | 509.3 | 904.3 | 1431.1 | 1694.4 | 1512.0 | 1147.2 | 873.7 | 842.6 |
| 97.5° | 224.8 | 373.5 | 522.3 | 559.4 | 1218.1 | 2096.5 | 2535.6 | 2420.3 | 2189.8 | 2016.8 | 1957.8 |
| 100° | 298.0 | 432.9 | 567.7 | 601.4 | 1332.4 | 2307.1 | 2794.3 | 2802.8 | 2819.6 | 2832.3 | 2762.0 |
| 102.5° | 360.3 | 486.2 | 611.9 | 643.4 | 1384.8 | 2373.2 | 2867.5 | 3014.4 | 3308.1 | 3528.5 | 3468.3 |
| 105° | 465.9 | 572.5 | 679.1 | 705.7 | 1423.6 | 2380.7 | 2859.3 | 3188.6 | 3847.2 | 4341.2 | 4308.8 |
| 107.5° | 574.3 | 673.6 | 773.0 | 797.8 | 1430.8 | 2274.9 | 2696.9 | 3156.2 | 4074.8 | 4763.7 | 4771.6 |
| 110° | 647.5 | 737.1 | 826.9 | 849.3 | 1419.9 | 2180.9 | 2561.3 | 3074.9 | 4101.9 | 4872.1 | 4905.9 |



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CANDELA DISTRIBUTION (continued):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 719.3 | 804.7 | 890.2 | 911.5 | 1420.4 | 2098.9 | 2438.1 | 2963.7 | 4014.8 | 4803.1 | 4854.9 |
| 115° | 827.6 | 906.4 | 985.3 | 1005.0 | 1433.5 | 2004.8 | 2290.5 | 2796.8 | 3809.3 | 4568.8 | 4640.5 |
| 117.5° | 934.6 | 1006.2 | 1077.9 | 1095.8 | 1460.1 | 1945.9 | 2188.9 | 2645.8 | 3559.6 | 4245.0 | 4324.6 |
| 120° | 996.9 | 1064.3 | 1131.8 | 1148.6 | 1481.8 | 1926.1 | 2148.3 | 2565.8 | 3400.8 | 4027.0 | 4104.3 |
| 122.5° | 1057.9 | 1125.9 | 1193.9 | 1210.9 | 1513.0 | 1915.8 | 2117.1 | 2493.1 | 3244.9 | 3808.9 | 3885.2 |
| 125° | 1151.3 | 1213.3 | 1275.3 | 1290.9 | 1555.0 | 1907.1 | 2083.2 | 2402.5 | 3041.3 | 3520.3 | 3590.6 |
| 127.5° | 1227.2 | 1289.8 | 1352.4 | 1368.0 | 1597.0 | 1902.2 | 2054.8 | 2328.9 | 2877.4 | 3288.7 | 3348.0 |
| 130° | 1267.9 | 1335.3 | 1402.7 | 1419.5 | 1627.7 | 1905.2 | 2044.0 | 2288.0 | 2776.3 | 3142.5 | 3197.2 |
| 132.5° | 1309.8 | 1377.2 | 1444.7 | 1461.5 | 1652.5 | 1907.1 | 2034.5 | 2253.0 | 2690.1 | 3017.8 | 3066.9 |
| 135° | 1372.1 | 1433.5 | 1494.9 | 1510.3 | 1679.6 | 1905.4 | 2018.2 | 2201.3 | 2567.3 | 2841.8 | 2884.1 |
| 137.5° | 1435.8 | 1496.6 | 1557.4 | 1572.5 | 1720.2 | 1917.1 | 2015.5 | 2170.2 | 2479.6 | 2711.7 | 2746.3 |
| 140° | 1488.6 | 1544.5 | 1600.5 | 1614.6 | 1745.0 | 1919.0 | 2006.0 | 2139.6 | 2406.9 | 2607.4 | 2639.7 |
| 142.5° | 1529.2 | 1581.0 | 1632.8 | 1645.7 | 1765.8 | 1926.0 | 2006.0 | 2123.4 | 2358.2 | 2534.3 | 2562.1 |
| 145° | 1591.5 | 1636.7 | 1681.9 | 1693.1 | 1792.9 | 1926.0 | 1992.5 | 2088.5 | 2280.5 | 2424.5 | 2445.6 |
| 147.5° | 1653.8 | 1697.8 | 1741.7 | 1752.7 | 1832.7 | 1939.2 | 1992.5 | 2068.0 | 2219.2 | 2332.4 | 2349.9 |
| 150° | 1694.4 | 1734.2 | 1774.0 | 1783.9 | 1853.4 | 1946.1 | 1992.5 | 2056.3 | 2183.9 | 2279.6 | 2293.7 |
| 152.5° | 1736.5 | 1766.6 | 1796.7 | 1804.2 | 1867.0 | 1950.7 | 1992.5 | 2047.0 | 2155.9 | 2237.6 | 2248.4 |
| 155° | 1798.7 | 1821.1 | 1843.3 | 1848.9 | 1896.8 | 1960.6 | 1992.5 | 2035.9 | 2122.5 | 2187.5 | 2194.6 |
| 157.5° | 1844.9 | 1866.5 | 1888.2 | 1893.6 | 1926.6 | 1970.5 | 1992.5 | 2026.2 | 2093.6 | 2144.2 | 2149.1 |
| 160° | 1876.0 | 1892.8 | 1909.8 | 1913.9 | 1940.1 | 1975.1 | 1992.5 | 2021.4 | 2079.2 | 2122.5 | 2125.4 |
| 162.5° | 1907.1 | 1919.8 | 1932.4 | 1935.6 | 1954.6 | 1979.9 | 1992.5 | 2016.9 | 2065.7 | 2102.2 | 2104.9 |
| 165° | 1941.0 | 1952.4 | 1963.8 | 1966.7 | 1975.3 | 1986.8 | 1992.5 | 2010.0 | 2044.8 | 2071.0 | 2073.9 |
| 167.5° | 1972.2 | 1977.6 | 1983.0 | 1984.3 | 1991.6 | 2001.2 | 2006.0 | 2017.5 | 2040.3 | 2057.5 | 2058.7 |
| 170° | 1992.5 | 1997.9 | 2003.3 | 2004.6 | 2005.1 | 2005.7 | 2006.0 | 2017.5 | 2040.3 | 2057.5 | 2057.5 |
| 172.5° | 2003.3 | 2004.5 | 2005.8 | 2006.0 | 2006.0 | 2006.0 | 2006.0 | 2015.1 | 2033.1 | 2046.7 | 2045.6 |
| 175° | 2018.2 | 2018.2 | 2018.2 | 2018.2 | 2014.1 | 2008.7 | 2006.0 | 2011.8 | 2023.2 | 2031.8 | 2031.8 |
| 177.5° | 2018.2 | 2018.2 | 2018.2 | 2018.2 | 2015.1 | 2010.8 | 2008.7 | 2013.3 | 2022.2 | 2029.0 | 2027.8 |
| 180° | 2018.2 | 2018.2 | 2018.2 | 2018.2 | 2018.2 | 2018.2 | 2018.2 | 2018.2 | 2018.2 | 2018.2 | 2018.2 |



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CANDELA DISTRIBUTION (continued):

| | 80° | 90° | 100° | 110° | 112.5° | 120° | 130° | 135° | 140° | 150° | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3653.5 | 3653.5 | 3653.5 | 3653.5 | 3653.5 | 3653.5 | 3653.5 | 3653.5 | 3653.5 | 3653.5 | 3653.5 |
| 2.5° | 3746.9 | 3736.5 | 3746.9 | 3739.9 | 3743.4 | 3733.0 | 3701.9 | 3691.5 | 3701.9 | 3712.2 | 3712.2 |
| 5° | 3791.8 | 3784.9 | 3791.8 | 3791.8 | 3788.3 | 3781.4 | 3746.9 | 3739.9 | 3746.9 | 3750.3 | 3743.4 |
| 7.5° | 3805.6 | 3795.3 | 3805.6 | 3798.7 | 3798.7 | 3791.8 | 3757.2 | 3750.3 | 3753.8 | 3764.1 | 3753.8 |
| 10° | 3805.6 | 3795.3 | 3805.6 | 3802.2 | 3798.7 | 3791.8 | 3757.2 | 3743.4 | 3743.4 | 3753.8 | 3743.4 |
| 12.5° | 3788.3 | 3781.4 | 3788.3 | 3781.4 | 3781.4 | 3774.5 | 3739.9 | 3726.1 | 3729.5 | 3733.0 | 3719.2 |
| 15° | 3760.6 | 3750.3 | 3760.6 | 3753.8 | 3757.2 | 3746.9 | 3708.8 | 3695.0 | 3695.0 | 3701.9 | 3677.7 |
| 17.5° | 3719.2 | 3705.4 | 3719.2 | 3715.7 | 3712.2 | 3705.4 | 3670.8 | 3657.0 | 3653.5 | 3657.0 | 3639.7 |
| 20° | 3670.8 | 3660.4 | 3670.8 | 3667.3 | 3667.3 | 3653.5 | 3618.9 | 3601.7 | 3601.7 | 3601.7 | 3584.4 |
| 22.5° | 3594.8 | 3584.4 | 3594.8 | 3601.7 | 3601.7 | 3598.2 | 3567.1 | 3542.9 | 3536.0 | 3536.0 | 3515.3 |
| 25° | 3508.4 | 3498.0 | 3508.4 | 3508.4 | 3504.9 | 3508.4 | 3498.0 | 3484.1 | 3473.7 | 3463.4 | 3442.7 |
| 27.5° | 3425.3 | 3418.5 | 3425.3 | 3418.5 | 3425.3 | 3415.0 | 3411.6 | 3408.1 | 3394.3 | 3383.9 | 3356.3 |
| 30° | 3342.4 | 3335.5 | 3342.4 | 3335.5 | 3328.6 | 3321.7 | 3304.4 | 3297.5 | 3311.3 | 3304.4 | 3259.5 |
| 32.5° | 3238.7 | 3231.8 | 3238.7 | 3238.7 | 3231.8 | 3231.8 | 3204.2 | 3193.8 | 3197.2 | 3218.0 | 3176.5 |
| 35° | 3131.6 | 3121.2 | 3131.6 | 3128.2 | 3131.6 | 3121.2 | 3103.9 | 3100.4 | 3086.7 | 3110.8 | 3079.8 |
| 37.5° | 3007.1 | 2996.7 | 3007.1 | 3007.1 | 3007.1 | 3014.1 | 3000.2 | 2989.9 | 2969.1 | 3000.2 | 2976.1 |
| 40° | 2879.3 | 2865.4 | 2879.3 | 2875.8 | 2879.3 | 2886.2 | 2879.3 | 2872.3 | 2851.6 | 2875.8 | 2855.0 |
| 42.5° | 2734.1 | 2730.6 | 2734.1 | 2737.6 | 2737.6 | 2751.4 | 2761.7 | 2747.9 | 2741.0 | 2723.7 | 2737.6 |
| 45° | 2578.5 | 2571.6 | 2578.5 | 2585.5 | 2588.9 | 2595.8 | 2626.9 | 2626.9 | 2616.5 | 2588.9 | 2609.6 |
| 47.5° | 2412.7 | 2395.4 | 2412.7 | 2433.4 | 2433.4 | 2443.7 | 2474.8 | 2499.1 | 2481.7 | 2447.2 | 2457.6 |
| 50° | 2236.3 | 2239.8 | 2236.3 | 2250.2 | 2250.2 | 2288.2 | 2312.4 | 2336.6 | 2353.9 | 2312.4 | 2264.0 |
| 52.5° | 2063.5 | 2060.1 | 2063.5 | 2073.9 | 2087.7 | 2105.0 | 2146.5 | 2170.7 | 2198.3 | 2174.2 | 2098.1 |
| 55° | 1890.7 | 1897.6 | 1890.7 | 1894.1 | 1901.0 | 1911.4 | 1973.7 | 1997.8 | 2049.7 | 2018.6 | 1939.1 |
| 57.5° | 1717.9 | 1707.5 | 1717.9 | 1724.8 | 1728.3 | 1738.6 | 1790.5 | 1835.4 | 1866.5 | 1870.0 | 1773.2 |
| 60° | 1517.4 | 1503.6 | 1517.4 | 1548.5 | 1555.4 | 1562.3 | 1610.7 | 1652.2 | 1679.9 | 1690.3 | 1590.0 |
| 62.5° | 1341.1 | 1316.9 | 1341.1 | 1361.9 | 1375.7 | 1393.0 | 1427.5 | 1489.8 | 1513.9 | 1517.4 | 1375.7 |
| 65° | 1154.5 | 1144.1 | 1154.5 | 1195.9 | 1199.4 | 1220.1 | 1258.2 | 1303.1 | 1355.0 | 1348.0 | 1144.1 |
| 67.5° | 985.1 | 985.1 | 985.1 | 1012.8 | 1033.4 | 1043.8 | 1092.2 | 1113.0 | 1178.6 | 1185.6 | 954.0 |
| 70° | 829.6 | 826.1 | 829.6 | 850.3 | 864.1 | 888.3 | 933.3 | 957.4 | 1009.3 | 1026.6 | 774.3 |
| 72.5° | 681.0 | 677.5 | 681.0 | 698.2 | 712.0 | 732.8 | 770.8 | 798.4 | 843.3 | 864.1 | 601.4 |
| 75° | 549.6 | 542.7 | 549.6 | 563.4 | 559.9 | 587.6 | 618.7 | 646.4 | 687.9 | 701.6 | 445.9 |
| 77.5° | 421.7 | 421.7 | 421.7 | 435.5 | 435.5 | 463.1 | 477.0 | 511.5 | 535.8 | 556.5 | 328.4 |
| 80° | 314.5 | 311.1 | 314.5 | 318.0 | 318.0 | 331.8 | 356.1 | 380.2 | 401.0 | 401.0 | 224.6 |
| 82.5° | 221.2 | 214.3 | 221.2 | 221.2 | 221.2 | 228.1 | 242.0 | 248.9 | 262.7 | 273.0 | 141.7 |
| 85° | 138.2 | 138.2 | 138.2 | 141.7 | 138.2 | 145.2 | 148.6 | 155.6 | 155.6 | 148.6 | 86.4 |
| 87.5° | 89.9 | 86.4 | 89.9 | 86.4 | 86.4 | 82.9 | 82.9 | 82.9 | 79.5 | 76.0 | 48.4 |
| 90° | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 68.6 | 91.5 | 102.9 | 88.4 | 59.6 | 37.9 |
| 92.5° | 206.1 | 165.3 | 206.1 | 247.1 | 257.3 | 364.8 | 508.0 | 579.7 | 509.0 | 367.6 | 261.4 |
| 95° | 718.6 | 594.6 | 718.6 | 842.6 | 873.7 | 1147.2 | 1512.0 | 1694.4 | 1431.1 | 904.3 | 509.3 |
| 97.5° | 1721.8 | 1485.9 | 1721.8 | 1957.8 | 2016.8 | 2189.8 | 2420.3 | 2535.6 | 2096.5 | 1218.1 | 559.4 |
| 100° | 2480.8 | 2199.7 | 2480.8 | 2762.0 | 2832.3 | 2819.6 | 2802.8 | 2794.3 | 2307.1 | 1332.4 | 601.4 |
| 102.5° | 3227.5 | 2986.7 | 3227.5 | 3468.3 | 3528.5 | 3308.1 | 3014.4 | 2867.5 | 2373.2 | 1384.8 | 643.4 |
| 105° | 4179.4 | 4050.0 | 4179.4 | 4308.8 | 4341.2 | 3847.2 | 3188.6 | 2859.3 | 2380.7 | 1423.6 | 705.7 |
| 107.5° | 4802.9 | 4834.2 | 4802.9 | 4771.6 | 4763.7 | 4074.8 | 3156.2 | 2696.9 | 2274.9 | 1430.8 | 797.8 |
| 110° | 5040.7 | 5175.5 | 5040.7 | 4905.9 | 4872.1 | 4101.9 | 3074.9 | 2561.3 | 2180.9 | 1419.9 | 849.3 |



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CANDELA DISTRIBUTION (continued):

| | 80° | 90° | 100° | 110° | 112.5° | 120° | 130° | 135° | 140° | 150° | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 5061.9 | 5269.0 | 5061.9 | 4854.9 | 4803.1 | 4014.8 | 2963.7 | 2438.1 | 2098.9 | 1420.4 | 911.5 |
| 115° | 4927.7 | 5214.9 | 4927.7 | 4640.5 | 4568.8 | 3809.3 | 2796.8 | 2290.5 | 2004.8 | 1433.5 | 1005.0 |
| 117.5° | 4643.1 | 4961.5 | 4643.1 | 4324.6 | 4245.0 | 3559.6 | 2645.8 | 2188.9 | 1945.9 | 1460.1 | 1095.8 |
| 120° | 4413.7 | 4723.1 | 4413.7 | 4104.3 | 4027.0 | 3400.8 | 2565.8 | 2148.3 | 1926.1 | 1481.8 | 1148.6 |
| 122.5° | 4190.4 | 4495.6 | 4190.4 | 3885.2 | 3808.9 | 3244.9 | 2493.1 | 2117.1 | 1915.8 | 1513.0 | 1210.9 |
| 125° | 3871.7 | 4152.9 | 3871.7 | 3590.6 | 3520.3 | 3041.3 | 2402.5 | 2083.2 | 1907.1 | 1555.0 | 1290.9 |
| 127.5° | 3585.2 | 3822.4 | 3585.2 | 3348.0 | 3288.7 | 2877.4 | 2328.9 | 2054.8 | 1902.2 | 1597.0 | 1368.0 |
| 130° | 3416.4 | 3635.5 | 3416.4 | 3197.2 | 3142.5 | 2776.3 | 2288.0 | 2044.0 | 1905.2 | 1627.7 | 1419.5 |
| 132.5° | 3263.2 | 3459.4 | 3263.2 | 3066.9 | 3017.8 | 2690.1 | 2253.0 | 2034.5 | 1907.1 | 1652.5 | 1461.5 |
| 135° | 3053.2 | 3222.3 | 3053.2 | 2884.1 | 2841.8 | 2567.3 | 2201.3 | 2018.2 | 1905.4 | 1679.6 | 1510.3 |
| 137.5° | 2884.8 | 3023.3 | 2884.8 | 2746.3 | 2711.7 | 2479.6 | 2170.2 | 2015.5 | 1917.1 | 1720.2 | 1572.5 |
| 140° | 2769.2 | 2898.6 | 2769.2 | 2639.7 | 2607.4 | 2406.9 | 2139.6 | 2006.0 | 1919.0 | 1745.0 | 1614.6 |
| 142.5° | 2673.5 | 2784.8 | 2673.5 | 2562.1 | 2534.3 | 2358.2 | 2123.4 | 2006.0 | 1926.0 | 1765.8 | 1645.7 |
| 145° | 2529.9 | 2614.2 | 2529.9 | 2445.6 | 2424.5 | 2280.5 | 2088.5 | 1992.5 | 1926.0 | 1792.9 | 1693.1 |
| 147.5° | 2419.7 | 2489.6 | 2419.7 | 2349.9 | 2332.4 | 2219.2 | 2068.0 | 1992.5 | 1939.2 | 1832.7 | 1752.7 |
| 150° | 2350.4 | 2407.0 | 2350.4 | 2293.7 | 2279.6 | 2183.9 | 2056.3 | 1992.5 | 1946.1 | 1853.4 | 1783.9 |
| 152.5° | 2291.1 | 2333.8 | 2291.1 | 2248.4 | 2237.6 | 2155.9 | 2047.0 | 1992.5 | 1950.7 | 1867.0 | 1804.2 |
| 155° | 2222.9 | 2251.2 | 2222.9 | 2194.6 | 2187.5 | 2122.5 | 2035.9 | 1992.5 | 1960.6 | 1896.8 | 1848.9 |
| 157.5° | 2169.0 | 2188.9 | 2169.0 | 2149.1 | 2144.2 | 2093.6 | 2026.2 | 1992.5 | 1970.5 | 1926.6 | 1893.6 |
| 160° | 2136.8 | 2148.3 | 2136.8 | 2125.4 | 2122.5 | 2079.2 | 2021.4 | 1992.5 | 1975.1 | 1940.1 | 1913.9 |
| 162.5° | 2115.7 | 2126.5 | 2115.7 | 2104.9 | 2102.2 | 2065.7 | 2016.9 | 1992.5 | 1979.9 | 1954.6 | 1935.6 |
| 165° | 2085.3 | 2096.8 | 2085.3 | 2073.9 | 2071.0 | 2044.8 | 2010.0 | 1992.5 | 1986.8 | 1975.3 | 1966.7 |
| 167.5° | 2063.5 | 2068.3 | 2063.5 | 2058.7 | 2057.5 | 2040.3 | 2017.5 | 2006.0 | 2001.2 | 1991.6 | 1984.3 |
| 170° | 2057.5 | 2057.5 | 2057.5 | 2057.5 | 2057.5 | 2040.3 | 2017.5 | 2006.0 | 2005.7 | 2005.1 | 2004.6 |
| 172.5° | 2041.3 | 2037.2 | 2041.3 | 2045.6 | 2046.7 | 2033.1 | 2015.1 | 2006.0 | 2006.0 | 2006.0 | 2006.0 |
| 175° | 2031.8 | 2031.8 | 2031.8 | 2031.8 | 2031.8 | 2023.2 | 2011.8 | 2006.0 | 2008.7 | 2014.1 | 2018.2 |
| 177.5° | 2023.0 | 2018.2 | 2023.0 | 2027.8 | 2029.0 | 2022.2 | 2013.3 | 2008.7 | 2010.8 | 2015.1 | 2018.2 |
| 180° | 2018.2 | 2018.2 | 2018.2 | 2018.2 | 2018.2 | 2018.2 | 2018.2 | 2018.2 | 2018.2 | 2018.2 | 2018.2 |



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CANDELA DISTRIBUTION (continued):

| | 160° | 170° | 180° | 190° | 200° | 202.5° | 210° | 220° | 225° | 230° | 240° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3653.5 | 3653.5 | 3653.5 | 3653.5 | 3653.5 | 3653.5 | 3653.5 | 3653.5 | 3653.5 | 3653.5 | 3653.5 |
| 2.5° | 3705.4 | 3684.6 | 3684.6 | 3650.1 | 3636.2 | 3625.8 | 3608.6 | 3556.8 | 3542.9 | 3529.0 | 3549.8 |
| 5° | 3736.5 | 3698.5 | 3670.8 | 3608.6 | 3556.8 | 3536.0 | 3470.3 | 3345.9 | 3262.9 | 3200.7 | 3166.2 |
| 7.5° | 3743.4 | 3695.0 | 3643.1 | 3546.4 | 3421.9 | 3366.7 | 3166.2 | 2938.1 | 2875.8 | 2820.5 | 2785.9 |
| 10° | 3736.5 | 3681.2 | 3608.6 | 3463.4 | 3169.6 | 3072.8 | 2872.3 | 2723.7 | 2685.7 | 2675.3 | 2685.7 |
| 12.5° | 3712.2 | 3660.4 | 3560.2 | 3318.3 | 2906.9 | 2841.3 | 2723.7 | 2637.3 | 2630.4 | 2647.7 | 2741.0 |
| 15° | 3670.8 | 3622.4 | 3504.9 | 3124.7 | 2761.7 | 2713.3 | 2630.4 | 2599.3 | 2637.3 | 2758.2 | 3038.3 |
| 17.5° | 3629.3 | 3574.0 | 3428.8 | 2934.6 | 2651.2 | 2616.5 | 2557.8 | 2620.0 | 2834.3 | 2996.7 | 3090.1 |
| 20° | 3574.0 | 3508.4 | 3342.4 | 2796.3 | 2571.6 | 2540.5 | 2512.9 | 2792.9 | 2955.3 | 3014.1 | 3065.9 |
| 22.5° | 3508.4 | 3439.2 | 3224.9 | 2699.6 | 2488.7 | 2464.5 | 2481.7 | 2889.7 | 2955.3 | 2996.7 | 3041.7 |
| 25° | 3421.9 | 3363.2 | 3086.7 | 2623.5 | 2423.0 | 2395.4 | 2461.1 | 2879.3 | 2917.3 | 2927.7 | 3017.5 |
| 27.5° | 3342.4 | 3266.4 | 2941.5 | 2554.4 | 2343.5 | 2333.1 | 2478.3 | 2834.3 | 2862.0 | 2872.3 | 2969.1 |
| 30° | 3245.6 | 3131.6 | 2779.0 | 2481.7 | 2260.6 | 2257.1 | 2481.7 | 2779.0 | 2772.1 | 2799.8 | 2896.5 |
| 32.5° | 3145.4 | 2931.1 | 2595.8 | 2391.9 | 2181.0 | 2177.6 | 2457.6 | 2696.1 | 2689.2 | 2727.2 | 2799.8 |
| 35° | 3052.1 | 2775.6 | 2347.0 | 2288.2 | 2080.8 | 2084.2 | 2398.8 | 2599.3 | 2602.8 | 2637.3 | 2682.2 |
| 37.5° | 2955.3 | 2640.8 | 2073.9 | 2174.2 | 1984.1 | 1984.1 | 2319.3 | 2509.5 | 2502.5 | 2512.9 | 2575.1 |
| 40° | 2841.3 | 2429.9 | 1832.0 | 2025.5 | 1894.1 | 1883.8 | 2222.6 | 2412.7 | 2388.4 | 2385.0 | 2471.4 |
| 42.5° | 2720.2 | 2198.3 | 1652.2 | 1828.5 | 1790.5 | 1776.6 | 2105.0 | 2295.1 | 2250.2 | 2260.6 | 2371.1 |
| 45° | 2588.9 | 2136.1 | 1513.9 | 1545.1 | 1683.3 | 1672.9 | 1977.1 | 2160.3 | 2129.2 | 2156.9 | 2271.0 |
| 47.5° | 2457.6 | 2011.7 | 1469.0 | 1282.3 | 1569.2 | 1565.8 | 1835.4 | 2029.0 | 2011.7 | 2039.3 | 2160.3 |
| 50° | 2277.8 | 1873.4 | 1465.5 | 1099.2 | 1441.4 | 1455.2 | 1666.0 | 1901.0 | 1901.0 | 1925.3 | 2053.1 |
| 52.5° | 2046.2 | 1704.0 | 1330.7 | 995.4 | 1292.7 | 1334.2 | 1517.4 | 1790.5 | 1797.3 | 1821.6 | 1935.7 |
| 55° | 1835.4 | 1527.8 | 1233.9 | 916.0 | 1116.5 | 1206.3 | 1372.2 | 1676.4 | 1690.3 | 1714.4 | 1818.1 |
| 57.5° | 1641.9 | 1271.9 | 1213.3 | 822.7 | 954.0 | 1040.4 | 1244.3 | 1565.8 | 1572.7 | 1593.5 | 1693.7 |
| 60° | 1434.4 | 919.4 | 1113.0 | 722.4 | 812.3 | 878.0 | 1126.8 | 1434.4 | 1458.7 | 1472.4 | 1558.8 |
| 62.5° | 1199.4 | 667.1 | 1009.3 | 653.2 | 743.1 | 757.0 | 1030.0 | 1310.0 | 1341.1 | 1351.5 | 1403.4 |
| 65° | 853.7 | 559.9 | 857.2 | 594.6 | 670.6 | 674.0 | 926.4 | 1182.1 | 1209.8 | 1227.0 | 1265.1 |
| 67.5° | 577.2 | 456.2 | 653.2 | 539.2 | 615.2 | 618.7 | 826.1 | 1033.4 | 1071.5 | 1085.3 | 1109.6 |
| 70° | 401.0 | 304.2 | 483.9 | 480.5 | 553.0 | 559.9 | 719.0 | 898.7 | 933.3 | 943.6 | 957.4 |
| 72.5° | 293.8 | 245.4 | 401.0 | 432.1 | 487.4 | 494.3 | 608.3 | 746.6 | 781.2 | 791.5 | 798.4 |
| 75° | 224.6 | 259.3 | 324.9 | 376.7 | 414.7 | 418.2 | 497.8 | 608.3 | 632.6 | 639.5 | 642.9 |
| 77.5° | 179.7 | 242.0 | 238.5 | 304.2 | 338.7 | 331.8 | 390.6 | 470.1 | 490.8 | 490.8 | 490.8 |
| 80° | 134.8 | 190.1 | 179.7 | 217.7 | 248.9 | 242.0 | 280.0 | 335.3 | 342.2 | 349.1 | 345.7 |
| 82.5° | 100.2 | 121.0 | 121.0 | 138.2 | 165.9 | 159.0 | 186.6 | 217.7 | 217.7 | 217.7 | 224.6 |
| 85° | 62.2 | 69.2 | 55.3 | 72.6 | 93.3 | 89.9 | 103.7 | 117.6 | 121.0 | 121.0 | 114.1 |
| 87.5° | 38.0 | 31.1 | 17.3 | 27.6 | 41.5 | 41.5 | 48.4 | 51.9 | 48.4 | 48.4 | 48.4 |
| 90° | 35.2 | 24.3 | 13.5 | 24.3 | 35.2 | 37.9 | 59.6 | 88.4 | 102.9 | 91.5 | 68.6 |
| 92.5° | 238.4 | 146.2 | 54.2 | 146.2 | 238.4 | 261.4 | 367.6 | 509.0 | 579.7 | 508.0 | 364.8 |
| 95° | 467.1 | 298.6 | 130.0 | 298.6 | 467.1 | 509.3 | 904.3 | 1431.1 | 1694.4 | 1512.0 | 1147.2 |
| 97.5° | 522.3 | 373.5 | 224.8 | 373.5 | 522.3 | 559.4 | 1218.1 | 2096.5 | 2535.6 | 2420.3 | 2189.8 |
| 100° | 567.7 | 432.9 | 298.0 | 432.9 | 567.7 | 601.4 | 1332.4 | 2307.1 | 2794.3 | 2802.8 | 2819.6 |
| 102.5° | 611.9 | 486.2 | 360.3 | 486.2 | 611.9 | 643.4 | 1384.8 | 2373.2 | 2867.5 | 3014.4 | 3308.1 |
| 105° | 679.1 | 572.5 | 465.9 | 572.5 | 679.1 | 705.7 | 1423.6 | 2380.7 | 2859.3 | 3188.6 | 3847.2 |
| 107.5° | 773.0 | 673.6 | 574.3 | 673.6 | 773.0 | 797.8 | 1430.8 | 2274.9 | 2696.9 | 3156.2 | 4074.8 |
| 110° | 826.9 | 737.1 | 647.5 | 737.1 | 826.9 | 849.3 | 1419.9 | 2180.9 | 2561.3 | 3074.9 | 4101.9 |



TEST NUMBER: P935626

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CANDELA DISTRIBUTION (continued):

| | 160° | 170° | 180° | 190° | 200° | 202.5° | 210° | 220° | 225° | 230° | 240° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 890.2 | 804.7 | 719.3 | 804.7 | 890.2 | 911.5 | 1420.4 | 2098.9 | 2438.1 | 2963.7 | 4014.8 |
| 115° | 985.3 | 906.4 | 827.6 | 906.4 | 985.3 | 1005.0 | 1433.5 | 2004.8 | 2290.5 | 2796.8 | 3809.3 |
| 117.5° | 1077.9 | 1006.2 | 934.6 | 1006.2 | 1077.9 | 1095.8 | 1460.1 | 1945.9 | 2188.9 | 2645.8 | 3559.6 |
| 120° | 1131.8 | 1064.3 | 996.9 | 1064.3 | 1131.8 | 1148.6 | 1481.8 | 1926.1 | 2148.3 | 2565.8 | 3400.8 |
| 122.5° | 1193.9 | 1125.9 | 1057.9 | 1125.9 | 1193.9 | 1210.9 | 1513.0 | 1915.8 | 2117.1 | 2493.1 | 3244.9 |
| 125° | 1275.3 | 1213.3 | 1151.3 | 1213.3 | 1275.3 | 1290.9 | 1555.0 | 1907.1 | 2083.2 | 2402.5 | 3041.3 |
| 127.5° | 1352.4 | 1289.8 | 1227.2 | 1289.8 | 1352.4 | 1368.0 | 1597.0 | 1902.2 | 2054.8 | 2328.9 | 2877.4 |
| 130° | 1402.7 | 1335.3 | 1267.9 | 1335.3 | 1402.7 | 1419.5 | 1627.7 | 1905.2 | 2044.0 | 2288.0 | 2776.3 |
| 132.5° | 1444.7 | 1377.2 | 1309.8 | 1377.2 | 1444.7 | 1461.5 | 1652.5 | 1907.1 | 2034.5 | 2253.0 | 2690.1 |
| 135° | 1494.9 | 1433.5 | 1372.1 | 1433.5 | 1494.9 | 1510.3 | 1679.6 | 1905.4 | 2018.2 | 2201.3 | 2567.3 |
| 137.5° | 1557.4 | 1496.6 | 1435.8 | 1496.6 | 1557.4 | 1572.5 | 1720.2 | 1917.1 | 2015.5 | 2170.2 | 2479.6 |
| 140° | 1600.5 | 1544.5 | 1488.6 | 1544.5 | 1600.5 | 1614.6 | 1745.0 | 1919.0 | 2006.0 | 2139.6 | 2406.9 |
| 142.5° | 1632.8 | 1581.0 | 1529.2 | 1581.0 | 1632.8 | 1645.7 | 1765.8 | 1926.0 | 2006.0 | 2123.4 | 2358.2 |
| 145° | 1681.9 | 1636.7 | 1591.5 | 1636.7 | 1681.9 | 1693.1 | 1792.9 | 1926.0 | 1992.5 | 2088.5 | 2280.5 |
| 147.5° | 1741.7 | 1697.8 | 1653.8 | 1697.8 | 1741.7 | 1752.7 | 1832.7 | 1939.2 | 1992.5 | 2068.0 | 2219.2 |
| 150° | 1774.0 | 1734.2 | 1694.4 | 1734.2 | 1774.0 | 1783.9 | 1853.4 | 1946.1 | 1992.5 | 2056.3 | 2183.9 |
| 152.5° | 1796.7 | 1766.6 | 1736.5 | 1766.6 | 1796.7 | 1804.2 | 1867.0 | 1950.7 | 1992.5 | 2047.0 | 2155.9 |
| 155° | 1843.3 | 1821.1 | 1798.7 | 1821.1 | 1843.3 | 1848.9 | 1896.8 | 1960.6 | 1992.5 | 2035.9 | 2122.5 |
| 157.5° | 1888.2 | 1866.5 | 1844.9 | 1866.5 | 1888.2 | 1893.6 | 1926.6 | 1970.5 | 1992.5 | 2026.2 | 2093.6 |
| 160° | 1909.8 | 1892.8 | 1876.0 | 1892.8 | 1909.8 | 1913.9 | 1940.1 | 1975.1 | 1992.5 | 2021.4 | 2079.2 |
| 162.5° | 1932.4 | 1919.8 | 1907.1 | 1919.8 | 1932.4 | 1935.6 | 1954.6 | 1979.9 | 1992.5 | 2016.9 | 2065.7 |
| 165° | 1963.8 | 1952.4 | 1941.0 | 1952.4 | 1963.8 | 1966.7 | 1975.3 | 1986.8 | 1992.5 | 2010.0 | 2044.8 |
| 167.5° | 1983.0 | 1977.6 | 1972.2 | 1977.6 | 1983.0 | 1984.3 | 1991.6 | 2001.2 | 2006.0 | 2017.5 | 2040.3 |
| 170° | 2003.3 | 1997.9 | 1992.5 | 1997.9 | 2003.3 | 2004.6 | 2005.1 | 2005.7 | 2006.0 | 2017.5 | 2040.3 |
| 172.5° | 2005.8 | 2004.5 | 2003.3 | 2004.5 | 2005.8 | 2006.0 | 2006.0 | 2006.0 | 2006.0 | 2015.1 | 2033.1 |
| 175° | 2018.2 | 2018.2 | 2018.2 | 2018.2 | 2018.2 | 2018.2 | 2014.1 | 2008.7 | 2006.0 | 2011.8 | 2023.2 |
| 177.5° | 2018.2 | 2018.2 | 2018.2 | 2018.2 | 2018.2 | 2018.2 | 2015.1 | 2010.8 | 2008.7 | 2013.3 | 2022.2 |
| 180° | 2018.2 | 2018.2 | 2018.2 | 2018.2 | 2018.2 | 2018.2 | 2018.2 | 2018.2 | 2018.2 | 2018.2 | 2018.2 |



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CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 260° | 270° | 280° | 290° | 292.5° | 300° | 310° | 315° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3653.5 | 3653.5 | 3653.5 | 3653.5 | 3653.5 | 3653.5 | 3653.5 | 3653.5 | 3653.5 | 3653.5 | 3653.5 |
| 2.5° | 3525.6 | 3515.3 | 3529.0 | 3491.0 | 3529.0 | 3515.3 | 3525.6 | 3549.8 | 3529.0 | 3542.9 | 3556.8 |
| 5° | 3093.5 | 3076.3 | 3021.0 | 2976.1 | 3021.0 | 3076.3 | 3093.5 | 3166.2 | 3200.7 | 3262.9 | 3345.9 |
| 7.5° | 2765.2 | 2751.4 | 2737.6 | 2709.8 | 2737.6 | 2751.4 | 2765.2 | 2785.9 | 2820.5 | 2875.8 | 2938.1 |
| 10° | 2692.6 | 2696.1 | 2716.8 | 2713.3 | 2716.8 | 2696.1 | 2692.6 | 2685.7 | 2675.3 | 2685.7 | 2723.7 |
| 12.5° | 2879.3 | 2910.3 | 3024.4 | 3017.5 | 3024.4 | 2910.3 | 2879.3 | 2741.0 | 2647.7 | 2630.4 | 2637.3 |
| 15° | 3093.5 | 3103.9 | 3128.2 | 3131.6 | 3128.2 | 3103.9 | 3093.5 | 3038.3 | 2758.2 | 2637.3 | 2599.3 |
| 17.5° | 3114.3 | 3117.8 | 3135.0 | 3135.0 | 3135.0 | 3117.8 | 3114.3 | 3090.1 | 2996.7 | 2834.3 | 2620.0 |
| 20° | 3097.0 | 3103.9 | 3138.5 | 3145.4 | 3138.5 | 3103.9 | 3097.0 | 3065.9 | 3014.1 | 2955.3 | 2792.9 |
| 22.5° | 3090.1 | 3103.9 | 3131.6 | 3128.2 | 3131.6 | 3103.9 | 3090.1 | 3041.7 | 2996.7 | 2955.3 | 2889.7 |
| 25° | 3055.5 | 3055.5 | 3059.0 | 3062.4 | 3059.0 | 3055.5 | 3055.5 | 3017.5 | 2927.7 | 2917.3 | 2879.3 |
| 27.5° | 2983.0 | 2989.9 | 3010.6 | 3007.1 | 3010.6 | 2989.9 | 2983.0 | 2969.1 | 2872.3 | 2862.0 | 2834.3 |
| 30° | 2917.3 | 2910.3 | 2893.1 | 2879.3 | 2893.1 | 2910.3 | 2917.3 | 2896.5 | 2799.8 | 2772.1 | 2779.0 |
| 32.5° | 2806.6 | 2789.4 | 2772.1 | 2761.7 | 2772.1 | 2789.4 | 2806.6 | 2799.8 | 2727.2 | 2689.2 | 2696.1 |
| 35° | 2675.3 | 2678.8 | 2675.3 | 2664.9 | 2675.3 | 2678.8 | 2675.3 | 2682.2 | 2637.3 | 2602.8 | 2599.3 |
| 37.5° | 2582.0 | 2588.9 | 2585.5 | 2571.6 | 2585.5 | 2588.9 | 2582.0 | 2575.1 | 2512.9 | 2502.5 | 2509.5 |
| 40° | 2485.2 | 2488.7 | 2485.2 | 2474.8 | 2485.2 | 2488.7 | 2485.2 | 2471.4 | 2385.0 | 2388.4 | 2412.7 |
| 42.5° | 2391.9 | 2388.4 | 2378.0 | 2371.1 | 2378.0 | 2388.4 | 2391.9 | 2371.1 | 2260.6 | 2250.2 | 2295.1 |
| 45° | 2284.7 | 2288.2 | 2267.5 | 2257.1 | 2267.5 | 2288.2 | 2284.7 | 2271.0 | 2156.9 | 2129.2 | 2160.3 |
| 47.5° | 2177.6 | 2177.6 | 2160.3 | 2149.9 | 2160.3 | 2177.6 | 2177.6 | 2160.3 | 2039.3 | 2011.7 | 2029.0 |
| 50° | 2063.5 | 2060.1 | 2035.9 | 2032.4 | 2035.9 | 2060.1 | 2063.5 | 2053.1 | 1925.3 | 1901.0 | 1901.0 |
| 52.5° | 1932.2 | 1932.2 | 1935.7 | 1942.5 | 1935.7 | 1932.2 | 1932.2 | 1935.7 | 1821.6 | 1797.3 | 1790.5 |
| 55° | 1818.1 | 1821.6 | 1845.7 | 1852.6 | 1845.7 | 1821.6 | 1818.1 | 1818.1 | 1714.4 | 1690.3 | 1676.4 |
| 57.5° | 1700.6 | 1700.6 | 1717.9 | 1717.9 | 1717.9 | 1700.6 | 1700.6 | 1693.7 | 1593.5 | 1572.7 | 1565.8 |
| 60° | 1565.8 | 1572.7 | 1586.5 | 1583.1 | 1586.5 | 1572.7 | 1565.8 | 1558.8 | 1472.4 | 1458.7 | 1434.4 |
| 62.5° | 1424.0 | 1431.0 | 1434.4 | 1427.5 | 1434.4 | 1431.0 | 1424.0 | 1403.4 | 1351.5 | 1341.1 | 1310.0 |
| 65° | 1275.4 | 1282.3 | 1285.8 | 1278.9 | 1285.8 | 1282.3 | 1275.4 | 1265.1 | 1227.0 | 1209.8 | 1182.1 |
| 67.5° | 1123.4 | 1119.9 | 1116.5 | 1130.2 | 1116.5 | 1119.9 | 1123.4 | 1109.6 | 1085.3 | 1071.5 | 1033.4 |
| 70° | 967.8 | 967.8 | 964.4 | 971.3 | 964.4 | 967.8 | 967.8 | 957.4 | 943.6 | 933.3 | 898.7 |
| 72.5° | 801.9 | 798.4 | 812.3 | 801.9 | 812.3 | 798.4 | 801.9 | 798.4 | 791.5 | 781.2 | 746.6 |
| 75° | 639.5 | 646.4 | 639.5 | 649.8 | 639.5 | 646.4 | 639.5 | 642.9 | 639.5 | 632.6 | 608.3 |
| 77.5° | 487.4 | 494.3 | 487.4 | 487.4 | 487.4 | 494.3 | 487.4 | 490.8 | 490.8 | 490.8 | 470.1 |
| 80° | 345.7 | 342.2 | 342.2 | 338.7 | 342.2 | 342.2 | 345.7 | 345.7 | 349.1 | 342.2 | 335.3 |
| 82.5° | 221.2 | 217.7 | 217.7 | 224.6 | 217.7 | 217.7 | 221.2 | 224.6 | 217.7 | 217.7 | 217.7 |
| 85° | 121.0 | 124.4 | 117.6 | 117.6 | 117.6 | 124.4 | 121.0 | 114.1 | 121.0 | 121.0 | 117.6 |
| 87.5° | 44.9 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 44.9 | 48.4 | 48.4 | 48.4 | 51.9 |
| 90° | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 68.6 | 91.5 | 102.9 | 88.4 |
| 92.5° | 257.3 | 247.1 | 206.1 | 165.3 | 206.1 | 247.1 | 257.3 | 364.8 | 508.0 | 579.7 | 509.0 |
| 95° | 873.7 | 842.6 | 718.6 | 594.6 | 718.6 | 842.6 | 873.7 | 1147.2 | 1512.0 | 1694.4 | 1431.1 |
| 97.5° | 2016.8 | 1957.8 | 1721.8 | 1485.9 | 1721.8 | 1957.8 | 2016.8 | 2189.8 | 2420.3 | 2535.6 | 2096.5 |
| 100° | 2832.3 | 2762.0 | 2480.8 | 2199.7 | 2480.8 | 2762.0 | 2832.3 | 2819.6 | 2802.8 | 2794.3 | 2307.1 |
| 102.5° | 3528.5 | 3468.3 | 3227.5 | 2986.7 | 3227.5 | 3468.3 | 3528.5 | 3308.1 | 3014.4 | 2867.5 | 2373.2 |
| 105° | 4341.2 | 4308.8 | 4179.4 | 4050.0 | 4179.4 | 4308.8 | 4341.2 | 3847.2 | 3188.6 | 2859.3 | 2380.7 |
| 107.5° | 4763.7 | 4771.6 | 4802.9 | 4834.2 | 4802.9 | 4771.6 | 4763.7 | 4074.8 | 3156.2 | 2696.9 | 2274.9 |
| 110° | 4872.1 | 4905.9 | 5040.7 | 5175.5 | 5040.7 | 4905.9 | 4872.1 | 4101.9 | 3074.9 | 2561.3 | 2180.9 |



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CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 260° | 270° | 280° | 290° | 292.5° | 300° | 310° | 315° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 4803.1 | 4854.9 | 5061.9 | 5269.0 | 5061.9 | 4854.9 | 4803.1 | 4014.8 | 2963.7 | 2438.1 | 2098.9 |
| 115° | 4568.8 | 4640.5 | 4927.7 | 5214.9 | 4927.7 | 4640.5 | 4568.8 | 3809.3 | 2796.8 | 2290.5 | 2004.8 |
| 117.5° | 4245.0 | 4324.6 | 4643.1 | 4961.5 | 4643.1 | 4324.6 | 4245.0 | 3559.6 | 2645.8 | 2188.9 | 1945.9 |
| 120° | 4027.0 | 4104.3 | 4413.7 | 4723.1 | 4413.7 | 4104.3 | 4027.0 | 3400.8 | 2565.8 | 2148.3 | 1926.1 |
| 122.5° | 3808.9 | 3885.2 | 4190.4 | 4495.6 | 4190.4 | 3885.2 | 3808.9 | 3244.9 | 2493.1 | 2117.1 | 1915.8 |
| 125° | 3520.3 | 3590.6 | 3871.7 | 4152.9 | 3871.7 | 3590.6 | 3520.3 | 3041.3 | 2402.5 | 2083.2 | 1907.1 |
| 127.5° | 3288.7 | 3348.0 | 3585.2 | 3822.4 | 3585.2 | 3348.0 | 3288.7 | 2877.4 | 2328.9 | 2054.8 | 1902.2 |
| 130° | 3142.5 | 3197.2 | 3416.4 | 3635.5 | 3416.4 | 3197.2 | 3142.5 | 2776.3 | 2288.0 | 2044.0 | 1905.2 |
| 132.5° | 3017.8 | 3066.9 | 3263.2 | 3459.4 | 3263.2 | 3066.9 | 3017.8 | 2690.1 | 2253.0 | 2034.5 | 1907.1 |
| 135° | 2841.8 | 2884.1 | 3053.2 | 3222.3 | 3053.2 | 2884.1 | 2841.8 | 2567.3 | 2201.3 | 2018.2 | 1905.4 |
| 137.5° | 2711.7 | 2746.3 | 2884.8 | 3023.3 | 2884.8 | 2746.3 | 2711.7 | 2479.6 | 2170.2 | 2015.5 | 1917.1 |
| 140° | 2607.4 | 2639.7 | 2769.2 | 2898.6 | 2769.2 | 2639.7 | 2607.4 | 2406.9 | 2139.6 | 2006.0 | 1919.0 |
| 142.5° | 2534.3 | 2562.1 | 2673.5 | 2784.8 | 2673.5 | 2562.1 | 2534.3 | 2358.2 | 2123.4 | 2006.0 | 1926.0 |
| 145° | 2424.5 | 2445.6 | 2529.9 | 2614.2 | 2529.9 | 2445.6 | 2424.5 | 2280.5 | 2088.5 | 1992.5 | 1926.0 |
| 147.5° | 2332.4 | 2349.9 | 2419.7 | 2489.6 | 2419.7 | 2349.9 | 2332.4 | 2219.2 | 2068.0 | 1992.5 | 1939.2 |
| 150° | 2279.6 | 2293.7 | 2350.4 | 2407.0 | 2350.4 | 2293.7 | 2279.6 | 2183.9 | 2056.3 | 1992.5 | 1946.1 |
| 152.5° | 2237.6 | 2248.4 | 2291.1 | 2333.8 | 2291.1 | 2248.4 | 2237.6 | 2155.9 | 2047.0 | 1992.5 | 1950.7 |
| 155° | 2187.5 | 2194.6 | 2222.9 | 2251.2 | 2222.9 | 2194.6 | 2187.5 | 2122.5 | 2035.9 | 1992.5 | 1960.6 |
| 157.5° | 2144.2 | 2149.1 | 2169.0 | 2188.9 | 2169.0 | 2149.1 | 2144.2 | 2093.6 | 2026.2 | 1992.5 | 1970.5 |
| 160° | 2122.5 | 2125.4 | 2136.8 | 2148.3 | 2136.8 | 2125.4 | 2122.5 | 2079.2 | 2021.4 | 1992.5 | 1975.1 |
| 162.5° | 2102.2 | 2104.9 | 2115.7 | 2126.5 | 2115.7 | 2104.9 | 2102.2 | 2065.7 | 2016.9 | 1992.5 | 1979.9 |
| 165° | 2071.0 | 2073.9 | 2085.3 | 2096.8 | 2085.3 | 2073.9 | 2071.0 | 2044.8 | 2010.0 | 1992.5 | 1986.8 |
| 167.5° | 2057.5 | 2058.7 | 2063.5 | 2068.3 | 2063.5 | 2058.7 | 2057.5 | 2040.3 | 2017.5 | 2006.0 | 2001.2 |
| 170° | 2057.5 | 2057.5 | 2057.5 | 2057.5 | 2057.5 | 2057.5 | 2057.5 | 2040.3 | 2017.5 | 2006.0 | 2005.7 |
| 172.5° | 2046.7 | 2045.6 | 2041.3 | 2037.2 | 2041.3 | 2045.6 | 2046.7 | 2033.1 | 2015.1 | 2006.0 | 2006.0 |
| 175° | 2031.8 | 2031.8 | 2031.8 | 2031.8 | 2031.8 | 2031.8 | 2031.8 | 2023.2 | 2011.8 | 2006.0 | 2008.7 |
| 177.5° | 2029.0 | 2027.8 | 2023.0 | 2018.2 | 2023.0 | 2027.8 | 2029.0 | 2022.2 | 2013.3 | 2008.7 | 2010.8 |
| 180° | 2018.2 | 2018.2 | 2018.2 | 2018.2 | 2018.2 | 2018.2 | 2018.2 | 2018.2 | 2018.2 | 2018.2 | 2018.2 |



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CANDELA DISTRIBUTION (continued):

| | 330° | 337.5° | 340° | 350° | 360° |
|--------|--------|--------|--------|--------|--------|
| 0° | 3653.5 | 3653.5 | 3653.5 | 3653.5 | 3653.5 |
| 2.5° | 3608.6 | 3625.8 | 3636.2 | 3650.1 | 3684.6 |
| 5° | 3470.3 | 3536.0 | 3556.8 | 3608.6 | 3670.8 |
| 7.5° | 3166.2 | 3366.7 | 3421.9 | 3546.4 | 3643.1 |
| 10° | 2872.3 | 3072.8 | 3169.6 | 3463.4 | 3608.6 |
| 12.5° | 2723.7 | 2841.3 | 2906.9 | 3318.3 | 3560.2 |
| 15° | 2630.4 | 2713.3 | 2761.7 | 3124.7 | 3504.9 |
| 17.5° | 2557.8 | 2616.5 | 2651.2 | 2934.6 | 3428.8 |
| 20° | 2512.9 | 2540.5 | 2571.6 | 2796.3 | 3342.4 |
| 22.5° | 2481.7 | 2464.5 | 2488.7 | 2699.6 | 3224.9 |
| 25° | 2461.1 | 2395.4 | 2423.0 | 2623.5 | 3086.7 |
| 27.5° | 2478.3 | 2333.1 | 2343.5 | 2554.4 | 2941.5 |
| 30° | 2481.7 | 2257.1 | 2260.6 | 2481.7 | 2779.0 |
| 32.5° | 2457.6 | 2177.6 | 2181.0 | 2391.9 | 2595.8 |
| 35° | 2398.8 | 2084.2 | 2080.8 | 2288.2 | 2347.0 |
| 37.5° | 2319.3 | 1984.1 | 1984.1 | 2174.2 | 2073.9 |
| 40° | 2222.6 | 1883.8 | 1894.1 | 2025.5 | 1832.0 |
| 42.5° | 2105.0 | 1776.6 | 1790.5 | 1828.5 | 1652.2 |
| 45° | 1977.1 | 1672.9 | 1683.3 | 1545.1 | 1513.9 |
| 47.5° | 1835.4 | 1565.8 | 1569.2 | 1282.3 | 1469.0 |
| 50° | 1666.0 | 1455.2 | 1441.4 | 1099.2 | 1465.5 |
| 52.5° | 1517.4 | 1334.2 | 1292.7 | 995.4 | 1330.7 |
| 55° | 1372.2 | 1206.3 | 1116.5 | 916.0 | 1233.9 |
| 57.5° | 1244.3 | 1040.4 | 954.0 | 822.7 | 1213.3 |
| 60° | 1126.8 | 878.0 | 812.3 | 722.4 | 1113.0 |
| 62.5° | 1030.0 | 757.0 | 743.1 | 653.2 | 1009.3 |
| 65° | 926.4 | 674.0 | 670.6 | 594.6 | 857.2 |
| 67.5° | 826.1 | 618.7 | 615.2 | 539.2 | 653.2 |
| 70° | 719.0 | 559.9 | 553.0 | 480.5 | 483.9 |
| 72.5° | 608.3 | 494.3 | 487.4 | 432.1 | 401.0 |
| 75° | 497.8 | 418.2 | 414.7 | 376.7 | 324.9 |
| 77.5° | 390.6 | 331.8 | 338.7 | 304.2 | 238.5 |
| 80° | 280.0 | 242.0 | 248.9 | 217.7 | 179.7 |
| 82.5° | 186.6 | 159.0 | 165.9 | 138.2 | 121.0 |
| 85° | 103.7 | 89.9 | 93.3 | 72.6 | 55.3 |
| 87.5° | 48.4 | 41.5 | 41.5 | 27.6 | 17.3 |
| 90° | 59.6 | 37.9 | 35.2 | 24.3 | 13.5 |
| 92.5° | 367.6 | 261.4 | 238.4 | 146.2 | 54.2 |
| 95° | 904.3 | 509.3 | 467.1 | 298.6 | 130.0 |
| 97.5° | 1218.1 | 559.4 | 522.3 | 373.5 | 224.8 |
| 100° | 1332.4 | 601.4 | 567.7 | 432.9 | 298.0 |
| 102.5° | 1384.8 | 643.4 | 611.9 | 486.2 | 360.3 |
| 105° | 1423.6 | 705.7 | 679.1 | 572.5 | 465.9 |
| 107.5° | 1430.8 | 797.8 | 773.0 | 673.6 | 574.3 |
| 110° | 1419.9 | 849.3 | 826.9 | 737.1 | 647.5 |



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CANDELA DISTRIBUTION (continued):

| | 330° | 337.5° | 340° | 350° | 360° |
|--------|--------|--------|--------|--------|--------|
| 112.5° | 1420.4 | 911.5 | 890.2 | 804.7 | 719.3 |
| 115° | 1433.5 | 1005.0 | 985.3 | 906.4 | 827.6 |
| 117.5° | 1460.1 | 1095.8 | 1077.9 | 1006.2 | 934.6 |
| 120° | 1481.8 | 1148.6 | 1131.8 | 1064.3 | 996.9 |
| 122.5° | 1513.0 | 1210.9 | 1193.9 | 1125.9 | 1057.9 |
| 125° | 1555.0 | 1290.9 | 1275.3 | 1213.3 | 1151.3 |
| 127.5° | 1597.0 | 1368.0 | 1352.4 | 1289.8 | 1227.2 |
| 130° | 1627.7 | 1419.5 | 1402.7 | 1335.3 | 1267.9 |
| 132.5° | 1652.5 | 1461.5 | 1444.7 | 1377.2 | 1309.8 |
| 135° | 1679.6 | 1510.3 | 1494.9 | 1433.5 | 1372.1 |
| 137.5° | 1720.2 | 1572.5 | 1557.4 | 1496.6 | 1435.8 |
| 140° | 1745.0 | 1614.6 | 1600.5 | 1544.5 | 1488.6 |
| 142.5° | 1765.8 | 1645.7 | 1632.8 | 1581.0 | 1529.2 |
| 145° | 1792.9 | 1693.1 | 1681.9 | 1636.7 | 1591.5 |
| 147.5° | 1832.7 | 1752.7 | 1741.7 | 1697.8 | 1653.8 |
| 150° | 1853.4 | 1783.9 | 1774.0 | 1734.2 | 1694.4 |
| 152.5° | 1867.0 | 1804.2 | 1796.7 | 1766.6 | 1736.5 |
| 155° | 1896.8 | 1848.9 | 1843.3 | 1821.1 | 1798.7 |
| 157.5° | 1926.6 | 1893.6 | 1888.2 | 1866.5 | 1844.9 |
| 160° | 1940.1 | 1913.9 | 1909.8 | 1892.8 | 1876.0 |
| 162.5° | 1954.6 | 1935.6 | 1932.4 | 1919.8 | 1907.1 |
| 165° | 1975.3 | 1966.7 | 1963.8 | 1952.4 | 1941.0 |
| 167.5° | 1991.6 | 1984.3 | 1983.0 | 1977.6 | 1972.2 |
| 170° | 2005.1 | 2004.6 | 2003.3 | 1997.9 | 1992.5 |
| 172.5° | 2006.0 | 2006.0 | 2005.8 | 2004.5 | 2003.3 |
| 175° | 2014.1 | 2018.2 | 2018.2 | 2018.2 | 2018.2 |
| 177.5° | 2015.1 | 2018.2 | 2018.2 | 2018.2 | 2018.2 |
| 180° | 2018.2 | 2018.2 | 2018.2 | 2018.2 | 2018.2 |



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CIE UGR TABLE:

| Reflectances: | | | | | | | | | | | |
|-----------------|------|------------------|-------|-------|-------|-------|----------------|-------|-------|-------|-------|
| Ceiling | | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 |
| Wall | | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 |
| Reference plane | | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| Room dimensions | | Viewed crosswise | | | | | Viewed endwise | | | | |
| X=2H | Y=2H | 12.45 | 13.25 | 13.47 | 14.28 | 15.66 | 15.30 | 16.10 | 16.33 | 17.13 | 18.51 |
| | 3H | 12.92 | 13.63 | 13.96 | 14.67 | 16.07 | 16.65 | 17.36 | 17.68 | 18.40 | 19.80 |
| | 4H | 13.11 | 13.78 | 14.16 | 14.83 | 16.23 | 17.09 | 17.77 | 18.14 | 18.81 | 20.22 |
| | 6H | 13.23 | 13.85 | 14.28 | 14.89 | 16.31 | 17.38 | 18.00 | 18.44 | 19.05 | 20.47 |
| | 8H | 13.23 | 13.82 | 14.29 | 14.88 | 16.29 | 17.46 | 18.05 | 18.52 | 19.11 | 20.53 |
| | 12H | 13.19 | 13.75 | 14.26 | 14.81 | 16.25 | 17.50 | 18.06 | 18.56 | 19.11 | 20.55 |
| 4H | 2H | 13.48 | 14.15 | 14.53 | 15.20 | 16.60 | 15.70 | 16.38 | 16.75 | 17.42 | 18.83 |
| | 3H | 14.50 | 15.06 | 15.56 | 16.13 | 17.55 | 17.21 | 17.77 | 18.27 | 18.84 | 20.26 |
| | 4H | 14.77 | 15.29 | 15.84 | 16.35 | 17.79 | 17.74 | 18.25 | 18.80 | 19.31 | 20.76 |
| | 6H | 14.90 | 15.34 | 15.97 | 16.42 | 17.86 | 18.10 | 18.55 | 19.18 | 19.63 | 21.07 |
| | 8H | 14.90 | 15.31 | 15.98 | 16.39 | 17.84 | 18.21 | 18.63 | 19.29 | 19.70 | 21.16 |
| | 12H | 14.86 | 15.24 | 15.96 | 16.33 | 17.79 | 18.27 | 18.64 | 19.36 | 19.73 | 21.19 |
| 8H | 4H | 15.23 | 15.64 | 16.30 | 16.72 | 18.17 | 17.86 | 18.27 | 18.93 | 19.35 | 20.80 |
| | 6H | 15.48 | 15.83 | 16.58 | 16.94 | 18.39 | 18.30 | 18.64 | 19.39 | 19.76 | 21.21 |
| | 8H | 15.53 | 15.83 | 16.63 | 16.93 | 18.40 | 18.45 | 18.75 | 19.56 | 19.85 | 21.32 |
| | 12H | 15.51 | 15.77 | 16.62 | 16.87 | 18.38 | 18.55 | 18.81 | 19.66 | 19.91 | 21.42 |
| 12H | 4H | 15.23 | 15.60 | 16.32 | 16.69 | 18.15 | 17.82 | 18.19 | 18.91 | 19.28 | 20.74 |
| | 6H | 15.55 | 15.85 | 16.65 | 16.95 | 18.42 | 18.29 | 18.59 | 19.40 | 19.69 | 21.16 |
| | 8H | 15.61 | 15.87 | 16.72 | 16.97 | 18.48 | 18.45 | 18.72 | 19.56 | 19.81 | 21.32 |