

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: P935794

Luminaire Tested: SQ4-FA-125U-125D-B2750-1D-UNV-STD-W-8-3500K

Issue Date: 12/17/2024

**Test Information**

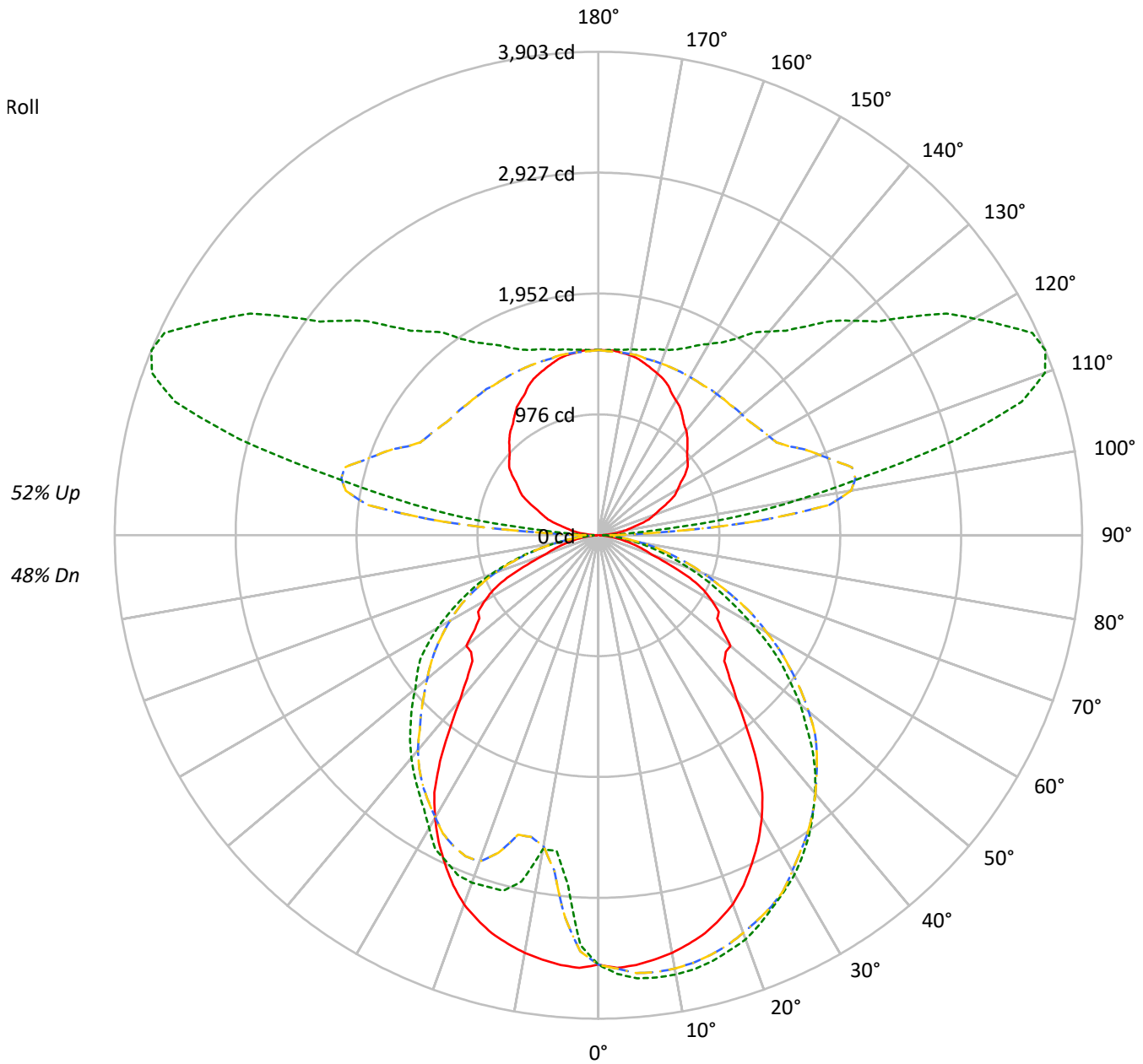
Test Method: LM-79-2019  
Report Number: P935794  
REPORT IS A COMBINATION OF REPORTS P933768 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-125U-125D-B2750-1D-UNV-STD-W-8-3500K  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 18685.2 lumens  
Efficiency: N/A  
Efficacy: 124.2 lumens/watt  
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36  
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 8' x H: 0.1')  
CIE Type: General Diffuse  
  
Input Watts (W): 150.4  
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

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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   | 107 | 107 | 107 | 107 | 98 | 98 | 98 | 98 | 82 | 82 | 82 | 68 | 68 | 68 | 54 | 54 | 54 | 48 |
| 1   | 97  | 93  | 89  | 86  | 90 | 86 | 83 | 80 | 72 | 70 | 68 | 60 | 58 | 57 | 48 | 47 | 46 | 41 |
| 2   | 89  | 81  | 75  | 70  | 81 | 75 | 70 | 65 | 63 | 59 | 56 | 52 | 50 | 47 | 42 | 41 | 39 | 34 |
| 3   | 81  | 71  | 64  | 58  | 74 | 66 | 60 | 55 | 56 | 51 | 47 | 46 | 43 | 40 | 38 | 35 | 33 | 29 |
| 4   | 74  | 63  | 55  | 49  | 68 | 59 | 52 | 46 | 50 | 44 | 40 | 41 | 37 | 34 | 34 | 31 | 28 | 25 |
| 5   | 68  | 56  | 48  | 42  | 62 | 52 | 45 | 40 | 44 | 39 | 35 | 37 | 33 | 30 | 30 | 27 | 25 | 21 |
| 6   | 62  | 50  | 42  | 37  | 57 | 47 | 40 | 34 | 40 | 34 | 30 | 33 | 29 | 26 | 27 | 24 | 22 | 19 |
| 7   | 58  | 45  | 38  | 32  | 53 | 42 | 35 | 30 | 36 | 31 | 26 | 30 | 26 | 23 | 25 | 22 | 19 | 17 |
| 8   | 54  | 41  | 34  | 28  | 49 | 38 | 31 | 27 | 33 | 27 | 23 | 28 | 23 | 20 | 23 | 20 | 17 | 15 |
| 9   | 50  | 38  | 30  | 25  | 46 | 35 | 28 | 24 | 30 | 25 | 21 | 25 | 21 | 18 | 21 | 18 | 16 | 13 |
| 10  | 47  | 34  | 27  | 22  | 43 | 32 | 26 | 21 | 28 | 22 | 19 | 24 | 19 | 16 | 20 | 16 | 14 | 12 |

**AVERAGE LUMINANCE (cd/sqm):**

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 16082 | 16082 | 16082 | 16082 |
| 5°  | 16202 | 16234 | 16202 | 12765 |
| 10° | 16094 | 15991 | 16094 | 11433 |
| 15° | 15919 | 15645 | 15919 | 13064 |
| 20° | 15586 | 15234 | 15586 | 13091 |
| 25° | 14905 | 14636 | 14905 | 12814 |
| 30° | 14024 | 14139 | 14024 | 12205 |
| 35° | 12502 | 13510 | 12502 | 11535 |
| 40° | 10418 | 12770 | 10418 | 11030 |
| 45° | 9308  | 11904 | 9308  | 10448 |
| 50° | 9889  | 10871 | 9889  | 9865  |
| 55° | 9304  | 9758  | 9304  | 9527  |
| 60° | 9590  | 8288  | 9590  | 8726  |
| 65° | 8696  | 6851  | 8696  | 7658  |
| 70° | 6021  | 5459  | 6021  | 6419  |
| 75° | 5279  | 4035  | 5279  | 4832  |
| 80° | 4254  | 2669  | 4254  | 2905  |
| 85° | 2441  | 1413  | 2441  | 1201  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 14266 cd/sqm



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**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 312.9   | 1.7       |
| 10°-20°   | 888.4   | 4.8       |
| 20°-30°   | 1373.3  | 7.3       |
| 30°-40°   | 1639.4  | 8.8       |
| 40°-50°   | 1649.0  | 8.8       |
| 50°-60°   | 1434.9  | 7.7       |
| 60°-70°   | 1017.3  | 5.4       |
| 70°-80°   | 538.2   | 2.9       |
| 80°-90°   | 139.8   | 0.7       |
| 90°-100°  | 728.8   | 3.9       |
| 100°-110° | 1916.0  | 10.3      |
| 110°-120° | 1986.7  | 10.6      |
| 120°-130° | 1593.6  | 8.5       |
| 130°-140° | 1250.4  | 6.7       |
| 140°-150° | 959.7   | 5.1       |
| 150°-160° | 691.2   | 3.7       |
| 160°-170° | 422.9   | 2.3       |
| 170°-180° | 142.9   | 0.8       |
| 0°-30°    | 2574.6  | 13.8      |
| 0°-40°    | 4214.0  | 22.6      |
| 0°-60°    | 7297.9  | 39.1      |
| 0°-90°    | 8993.2  | 48.1      |
| 90°-120°  | 4631.5  | 24.8      |
| 90°-150°  | 8435.1  | 45.1      |
| 90°-180°  | 9692.0  | 51.9      |
| 0°-180°   | 18685.2 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 3466 | 3466 | 3466 | 3466 | 3466 |      |
| 5°   | 3483 | 3591 | 3483 | 2824 | 3483 | 330  |
| 15°  | 3325 | 3558 | 3325 | 2971 | 3325 | 936  |
| 25°  | 2928 | 3319 | 2928 | 2906 | 2928 | 1345 |
| 35°  | 2227 | 2961 | 2227 | 2528 | 2227 | 1378 |
| 45°  | 1436 | 2440 | 1436 | 2141 | 1436 | 1151 |
| 55°  | 1171 | 1800 | 1171 | 1758 | 1171 | 1076 |
| 65°  | 813  | 1086 | 813  | 1213 | 813  | 777  |
| 75°  | 308  | 515  | 308  | 616  | 308  | 324  |
| 85°  | 52   | 131  | 52   | 112  | 52   | 71   |
| 90°  | 10   | 38   | 10   | 38   | 10   | 11   |
| 95°  | 96   | 440  | 96   | 440  | 96   | 107  |
| 105° | 345  | 3000 | 345  | 3000 | 345  | 366  |
| 115° | 613  | 3863 | 613  | 3863 | 613  | 606  |
| 125° | 853  | 3076 | 853  | 3076 | 853  | 757  |
| 135° | 1016 | 2387 | 1016 | 2387 | 1016 | 786  |
| 145° | 1179 | 1936 | 1179 | 1936 | 1179 | 739  |
| 155° | 1333 | 1668 | 1333 | 1668 | 1333 | 612  |
| 165° | 1438 | 1553 | 1438 | 1553 | 1438 | 406  |
| 175° | 1495 | 1505 | 1495 | 1505 | 1495 | 142  |
| 180° | 1495 | 1495 | 1495 | 1495 | 1495 |      |



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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 10°    | 20°    | 22.5°  | 30°    | 40°    | 45°    | 50°    | 60°    | 67.5°  | 70°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 3466.3 | 3466.3 | 3466.3 | 3466.3 | 3466.3 | 3466.3 | 3466.3 | 3466.3 | 3466.3 | 3466.3 | 3466.3 |
| 2.5°   | 3495.8 | 3495.8 | 3515.4 | 3522.0 | 3522.0 | 3512.2 | 3502.4 | 3512.2 | 3541.7 | 3551.6 | 3548.3 |
| 5°     | 3482.7 | 3508.9 | 3545.0 | 3551.6 | 3558.1 | 3554.9 | 3548.3 | 3554.9 | 3587.6 | 3594.2 | 3597.5 |
| 7.5°   | 3456.4 | 3505.6 | 3551.6 | 3561.4 | 3571.2 | 3561.4 | 3558.1 | 3564.7 | 3597.5 | 3604.0 | 3604.0 |
| 10°    | 3423.7 | 3492.6 | 3545.0 | 3551.6 | 3561.4 | 3551.6 | 3551.6 | 3564.7 | 3597.5 | 3604.0 | 3607.3 |
| 12.5°  | 3377.7 | 3472.8 | 3522.0 | 3528.6 | 3541.7 | 3538.4 | 3535.2 | 3548.3 | 3581.0 | 3587.6 | 3587.6 |
| 15°    | 3325.3 | 3436.8 | 3482.7 | 3489.3 | 3512.2 | 3505.6 | 3505.6 | 3518.7 | 3554.9 | 3564.7 | 3561.4 |
| 17.5°  | 3253.1 | 3390.8 | 3443.3 | 3453.1 | 3469.6 | 3466.3 | 3469.6 | 3482.7 | 3515.4 | 3522.0 | 3525.3 |
| 20°    | 3171.1 | 3328.5 | 3390.8 | 3400.7 | 3417.1 | 3417.1 | 3417.1 | 3433.5 | 3466.3 | 3479.4 | 3479.4 |
| 22.5°  | 3059.6 | 3263.0 | 3328.5 | 3335.1 | 3354.8 | 3354.8 | 3361.4 | 3384.3 | 3413.8 | 3417.1 | 3417.1 |
| 25°    | 2928.5 | 3190.8 | 3246.5 | 3266.2 | 3285.9 | 3295.8 | 3305.6 | 3318.7 | 3328.5 | 3325.3 | 3328.5 |
| 27.5°  | 2790.7 | 3099.0 | 3171.1 | 3184.2 | 3210.5 | 3220.4 | 3233.5 | 3236.8 | 3240.0 | 3249.8 | 3243.2 |
| 30°    | 2636.6 | 2971.1 | 3079.3 | 3092.5 | 3135.1 | 3141.6 | 3128.5 | 3135.1 | 3151.5 | 3158.1 | 3164.6 |
| 32.5°  | 2462.8 | 2780.9 | 2984.2 | 3013.8 | 3053.1 | 3033.5 | 3030.2 | 3039.9 | 3066.2 | 3066.2 | 3072.8 |
| 35°    | 2226.7 | 2633.4 | 2895.7 | 2921.9 | 2951.4 | 2928.5 | 2941.6 | 2944.9 | 2961.3 | 2971.1 | 2967.9 |
| 37.5°  | 1967.7 | 2505.4 | 2803.9 | 2823.6 | 2846.5 | 2817.0 | 2836.7 | 2846.5 | 2859.6 | 2853.0 | 2853.0 |
| 40°    | 1738.1 | 2305.3 | 2695.7 | 2708.7 | 2728.4 | 2705.4 | 2725.1 | 2731.7 | 2738.3 | 2731.7 | 2728.4 |
| 42.5°  | 1567.6 | 2085.7 | 2580.8 | 2597.2 | 2584.1 | 2600.5 | 2607.1 | 2620.2 | 2610.4 | 2597.2 | 2597.2 |
| 45°    | 1436.3 | 2026.7 | 2456.2 | 2475.9 | 2456.2 | 2482.5 | 2492.4 | 2492.4 | 2462.8 | 2456.2 | 2452.9 |
| 47.5°  | 1393.7 | 1908.5 | 2331.6 | 2331.6 | 2321.8 | 2354.6 | 2370.9 | 2348.0 | 2318.5 | 2308.6 | 2308.6 |
| 50°    | 1390.4 | 1777.4 | 2161.1 | 2148.0 | 2193.9 | 2233.3 | 2216.9 | 2193.9 | 2170.9 | 2134.9 | 2134.9 |
| 52.5°  | 1262.5 | 1616.7 | 1941.4 | 1990.6 | 2062.7 | 2085.7 | 2059.4 | 2036.5 | 1997.1 | 1980.7 | 1967.7 |
| 55°    | 1170.7 | 1449.5 | 1741.4 | 1839.7 | 1915.1 | 1944.7 | 1895.5 | 1872.5 | 1813.5 | 1803.7 | 1797.1 |
| 57.5°  | 1151.1 | 1206.8 | 1557.7 | 1682.3 | 1774.1 | 1770.8 | 1741.4 | 1698.8 | 1649.5 | 1639.6 | 1636.4 |
| 60°    | 1055.9 | 872.3  | 1361.0 | 1508.5 | 1603.6 | 1593.8 | 1567.6 | 1528.2 | 1482.3 | 1475.7 | 1469.2 |
| 62.5°  | 957.6  | 633.0  | 1137.9 | 1305.1 | 1439.6 | 1436.3 | 1413.4 | 1354.4 | 1321.6 | 1305.1 | 1292.1 |
| 65°    | 813.3  | 531.3  | 810.0  | 1085.5 | 1279.0 | 1285.5 | 1236.3 | 1193.7 | 1157.6 | 1137.9 | 1134.7 |
| 67.5°  | 619.8  | 432.9  | 547.7  | 905.1  | 1124.8 | 1118.2 | 1055.9 | 1036.2 | 990.4  | 980.5  | 960.9  |
| 70°    | 459.1  | 288.6  | 380.4  | 734.6  | 973.9  | 957.6  | 908.3  | 885.5  | 842.8  | 819.9  | 806.7  |
| 72.5°  | 380.4  | 232.9  | 278.8  | 570.6  | 819.9  | 800.2  | 757.6  | 731.3  | 695.3  | 675.6  | 662.4  |
| 75°    | 308.2  | 245.9  | 213.2  | 423.1  | 665.7  | 652.6  | 613.3  | 587.0  | 557.5  | 531.3  | 534.5  |
| 77.5°  | 226.3  | 229.6  | 170.5  | 311.5  | 528.0  | 508.3  | 485.4  | 452.5  | 439.4  | 413.2  | 413.2  |
| 80°    | 170.5  | 180.3  | 127.9  | 213.2  | 380.4  | 380.4  | 360.8  | 337.8  | 314.8  | 301.7  | 301.7  |
| 82.5°  | 114.7  | 114.7  | 95.1   | 134.5  | 259.1  | 249.2  | 236.1  | 229.6  | 216.5  | 209.9  | 209.9  |
| 85°    | 52.4   | 65.6   | 59.0   | 82.0   | 141.0  | 147.6  | 147.6  | 141.0  | 137.7  | 131.2  | 134.5  |
| 87.5°  | 16.4   | 29.6   | 36.0   | 45.9   | 72.2   | 75.4   | 78.7   | 78.7   | 78.7   | 82.0   | 82.0   |
| 90°    | 10.1   | 18.1   | 26.1   | 28.1   | 44.2   | 65.6   | 76.3   | 67.7   | 50.8   | 38.1   | 38.1   |
| 92.5°  | 40.1   | 108.3  | 176.6  | 193.7  | 272.3  | 377.0  | 429.5  | 376.4  | 270.3  | 190.6  | 183.0  |
| 95°    | 96.3   | 221.2  | 346.1  | 377.3  | 670.0  | 1060.2 | 1255.2 | 1120.2 | 849.9  | 647.2  | 624.2  |
| 97.5°  | 166.6  | 276.7  | 386.9  | 414.4  | 902.4  | 1553.1 | 1878.4 | 1793.0 | 1622.2 | 1494.1 | 1450.4 |
| 100°   | 220.7  | 320.6  | 420.5  | 445.5  | 987.0  | 1709.0 | 2070.1 | 2076.3 | 2088.8 | 2098.2 | 2046.1 |
| 102.5° | 266.9  | 360.1  | 453.3  | 476.7  | 1025.9 | 1758.2 | 2124.2 | 2233.1 | 2450.7 | 2613.9 | 2569.3 |
| 105°   | 345.2  | 424.1  | 503.0  | 522.8  | 1054.6 | 1763.7 | 2118.2 | 2362.1 | 2850.0 | 3215.9 | 3192.0 |
| 107.5° | 425.5  | 499.0  | 572.6  | 591.0  | 1059.9 | 1685.2 | 1997.8 | 2338.1 | 3018.6 | 3529.0 | 3534.8 |
| 110°   | 479.7  | 546.1  | 612.6  | 629.2  | 1051.9 | 1615.6 | 1897.5 | 2277.9 | 3038.7 | 3609.2 | 3634.2 |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 10°    | 20°    | 22.5°  | 30°    | 40°    | 45°    | 50°    | 60°    | 67.5°  | 70°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 532.9  | 596.1  | 659.5  | 675.3  | 1052.2 | 1554.9 | 1806.1 | 2195.5 | 2974.1 | 3558.1 | 3596.4 |
| 115°   | 613.1  | 671.5  | 729.9  | 744.5  | 1061.9 | 1485.2 | 1696.8 | 2071.8 | 2821.9 | 3384.5 | 3437.7 |
| 117.5° | 692.4  | 745.5  | 798.5  | 811.7  | 1081.7 | 1441.6 | 1621.5 | 1960.0 | 2636.9 | 3144.7 | 3203.7 |
| 120°   | 738.5  | 788.5  | 838.4  | 850.9  | 1097.7 | 1426.9 | 1591.4 | 1900.7 | 2519.2 | 2983.2 | 3040.4 |
| 122.5° | 783.6  | 834.0  | 884.4  | 897.0  | 1120.7 | 1419.1 | 1568.3 | 1846.8 | 2403.9 | 2821.6 | 2878.1 |
| 125°   | 852.9  | 898.8  | 944.8  | 956.2  | 1151.9 | 1412.8 | 1543.2 | 1779.9 | 2253.0 | 2607.9 | 2659.9 |
| 127.5° | 909.1  | 955.5  | 1001.8 | 1013.5 | 1183.1 | 1409.1 | 1522.2 | 1725.3 | 2131.6 | 2436.3 | 2480.2 |
| 130°   | 939.2  | 989.2  | 1039.1 | 1051.6 | 1205.7 | 1411.3 | 1514.2 | 1695.0 | 2056.7 | 2327.9 | 2368.5 |
| 132.5° | 970.3  | 1020.3 | 1070.2 | 1082.7 | 1224.1 | 1412.8 | 1507.1 | 1669.0 | 1992.7 | 2235.6 | 2271.9 |
| 135°   | 1016.5 | 1061.9 | 1107.5 | 1118.8 | 1244.2 | 1411.4 | 1495.1 | 1630.6 | 1901.8 | 2105.2 | 2136.5 |
| 137.5° | 1063.6 | 1108.6 | 1153.7 | 1164.9 | 1274.3 | 1420.2 | 1493.0 | 1607.7 | 1836.9 | 2008.8 | 2034.5 |
| 140°   | 1102.7 | 1144.2 | 1185.7 | 1196.0 | 1292.7 | 1421.6 | 1486.1 | 1585.1 | 1783.1 | 1931.6 | 1955.5 |
| 142.5° | 1132.9 | 1171.2 | 1209.5 | 1219.1 | 1308.1 | 1426.8 | 1486.1 | 1573.0 | 1746.9 | 1877.3 | 1898.0 |
| 145°   | 1179.0 | 1212.4 | 1245.9 | 1254.3 | 1328.2 | 1426.8 | 1476.0 | 1547.1 | 1689.5 | 1796.1 | 1811.7 |
| 147.5° | 1225.2 | 1257.8 | 1290.3 | 1298.5 | 1357.7 | 1436.5 | 1476.0 | 1532.0 | 1643.9 | 1727.9 | 1740.8 |
| 150°   | 1255.2 | 1284.7 | 1314.2 | 1321.5 | 1373.0 | 1441.7 | 1476.0 | 1523.3 | 1617.8 | 1688.8 | 1699.2 |
| 152.5° | 1286.3 | 1308.6 | 1330.9 | 1336.5 | 1383.1 | 1445.0 | 1476.0 | 1516.4 | 1597.1 | 1657.7 | 1665.6 |
| 155°   | 1332.6 | 1349.0 | 1365.5 | 1369.7 | 1405.1 | 1452.3 | 1476.0 | 1508.2 | 1572.4 | 1620.6 | 1625.8 |
| 157.5° | 1366.7 | 1382.7 | 1398.8 | 1402.7 | 1427.1 | 1459.7 | 1476.0 | 1501.0 | 1550.9 | 1588.4 | 1592.1 |
| 160°   | 1389.7 | 1402.2 | 1414.7 | 1417.8 | 1437.2 | 1463.1 | 1476.0 | 1497.4 | 1540.2 | 1572.3 | 1574.4 |
| 162.5° | 1412.8 | 1422.1 | 1431.5 | 1433.8 | 1447.9 | 1466.6 | 1476.0 | 1494.0 | 1530.1 | 1557.3 | 1559.3 |
| 165°   | 1437.9 | 1446.4 | 1454.9 | 1457.0 | 1463.3 | 1471.7 | 1476.0 | 1489.0 | 1514.8 | 1534.2 | 1536.3 |
| 167.5° | 1461.0 | 1464.9 | 1469.0 | 1470.0 | 1475.3 | 1482.5 | 1486.1 | 1494.5 | 1511.4 | 1524.1 | 1525.0 |
| 170°   | 1476.0 | 1480.1 | 1484.1 | 1485.1 | 1485.4 | 1485.9 | 1486.1 | 1494.5 | 1511.4 | 1524.1 | 1524.1 |
| 172.5° | 1484.0 | 1484.9 | 1485.9 | 1486.1 | 1486.1 | 1486.1 | 1486.1 | 1492.7 | 1506.1 | 1516.2 | 1515.4 |
| 175°   | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1492.1 | 1488.1 | 1486.1 | 1490.3 | 1498.8 | 1505.1 | 1505.1 |
| 177.5° | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1492.7 | 1489.6 | 1488.1 | 1491.4 | 1498.1 | 1503.1 | 1502.2 |
| 180°   | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1495.1 |



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CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-STD-W-8-3500K

**CANDELA DISTRIBUTION (continued):**

|        | 80°    | 90°    | 100°   | 110°   | 112.5° | 120°   | 130°   | 135°   | 140°   | 150°   | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 3466.3 | 3466.3 | 3466.3 | 3466.3 | 3466.3 | 3466.3 | 3466.3 | 3466.3 | 3466.3 | 3466.3 | 3466.3 |
| 2.5°   | 3554.9 | 3545.0 | 3554.9 | 3548.3 | 3551.6 | 3541.7 | 3512.2 | 3502.4 | 3512.2 | 3522.0 | 3522.0 |
| 5°     | 3597.5 | 3590.9 | 3597.5 | 3597.5 | 3594.2 | 3587.6 | 3554.9 | 3548.3 | 3554.9 | 3558.1 | 3551.6 |
| 7.5°   | 3610.6 | 3600.7 | 3610.6 | 3604.0 | 3604.0 | 3597.5 | 3564.7 | 3558.1 | 3561.4 | 3571.2 | 3561.4 |
| 10°    | 3610.6 | 3600.7 | 3610.6 | 3607.3 | 3604.0 | 3597.5 | 3564.7 | 3551.6 | 3551.6 | 3561.4 | 3551.6 |
| 12.5°  | 3594.2 | 3587.6 | 3594.2 | 3587.6 | 3587.6 | 3581.0 | 3548.3 | 3535.2 | 3538.4 | 3541.7 | 3528.6 |
| 15°    | 3568.0 | 3558.1 | 3568.0 | 3561.4 | 3564.7 | 3554.9 | 3518.7 | 3505.6 | 3505.6 | 3512.2 | 3489.3 |
| 17.5°  | 3528.6 | 3515.4 | 3528.6 | 3525.3 | 3522.0 | 3515.4 | 3482.7 | 3469.6 | 3466.3 | 3469.6 | 3453.1 |
| 20°    | 3482.7 | 3472.8 | 3482.7 | 3479.4 | 3479.4 | 3466.3 | 3433.5 | 3417.1 | 3417.1 | 3417.1 | 3400.7 |
| 22.5°  | 3410.5 | 3400.7 | 3410.5 | 3417.1 | 3417.1 | 3413.8 | 3384.3 | 3361.4 | 3354.8 | 3354.8 | 3335.1 |
| 25°    | 3328.5 | 3318.7 | 3328.5 | 3328.5 | 3325.3 | 3328.5 | 3318.7 | 3305.6 | 3295.8 | 3285.9 | 3266.2 |
| 27.5°  | 3249.8 | 3243.2 | 3249.8 | 3243.2 | 3249.8 | 3240.0 | 3236.8 | 3233.5 | 3220.4 | 3210.5 | 3184.2 |
| 30°    | 3171.1 | 3164.6 | 3171.1 | 3164.6 | 3158.1 | 3151.5 | 3135.1 | 3128.5 | 3141.6 | 3135.1 | 3092.5 |
| 32.5°  | 3072.8 | 3066.2 | 3072.8 | 3072.8 | 3066.2 | 3066.2 | 3039.9 | 3030.2 | 3033.5 | 3053.1 | 3013.8 |
| 35°    | 2971.1 | 2961.3 | 2971.1 | 2967.9 | 2971.1 | 2961.3 | 2944.9 | 2941.6 | 2928.5 | 2951.4 | 2921.9 |
| 37.5°  | 2853.0 | 2843.2 | 2853.0 | 2853.0 | 2853.0 | 2859.6 | 2846.5 | 2836.7 | 2817.0 | 2846.5 | 2823.6 |
| 40°    | 2731.7 | 2718.6 | 2731.7 | 2728.4 | 2731.7 | 2738.3 | 2731.7 | 2725.1 | 2705.4 | 2728.4 | 2708.7 |
| 42.5°  | 2594.0 | 2590.7 | 2594.0 | 2597.2 | 2597.2 | 2610.4 | 2620.2 | 2607.1 | 2600.5 | 2584.1 | 2597.2 |
| 45°    | 2446.4 | 2439.8 | 2446.4 | 2452.9 | 2456.2 | 2462.8 | 2492.4 | 2492.4 | 2482.5 | 2456.2 | 2475.9 |
| 47.5°  | 2289.0 | 2272.6 | 2289.0 | 2308.6 | 2308.6 | 2318.5 | 2348.0 | 2370.9 | 2354.6 | 2321.8 | 2331.6 |
| 50°    | 2121.7 | 2125.0 | 2121.7 | 2134.9 | 2134.9 | 2170.9 | 2193.9 | 2216.9 | 2233.3 | 2193.9 | 2148.0 |
| 52.5°  | 1957.8 | 1954.5 | 1957.8 | 1967.7 | 1980.7 | 1997.1 | 2036.5 | 2059.4 | 2085.7 | 2062.7 | 1990.6 |
| 55°    | 1793.8 | 1800.4 | 1793.8 | 1797.1 | 1803.7 | 1813.5 | 1872.5 | 1895.5 | 1944.7 | 1915.1 | 1839.7 |
| 57.5°  | 1629.9 | 1620.0 | 1629.9 | 1636.4 | 1639.6 | 1649.5 | 1698.8 | 1741.4 | 1770.8 | 1774.1 | 1682.3 |
| 60°    | 1439.6 | 1426.6 | 1439.6 | 1469.2 | 1475.7 | 1482.3 | 1528.2 | 1567.6 | 1593.8 | 1603.6 | 1508.5 |
| 62.5°  | 1272.4 | 1249.4 | 1272.4 | 1292.1 | 1305.1 | 1321.6 | 1354.4 | 1413.4 | 1436.3 | 1439.6 | 1305.1 |
| 65°    | 1095.3 | 1085.5 | 1095.3 | 1134.7 | 1137.9 | 1157.6 | 1193.7 | 1236.3 | 1285.5 | 1279.0 | 1085.5 |
| 67.5°  | 934.6  | 934.6  | 934.6  | 960.9  | 980.5  | 990.4  | 1036.2 | 1055.9 | 1118.2 | 1124.8 | 905.1  |
| 70°    | 787.0  | 783.7  | 787.0  | 806.7  | 819.9  | 842.8  | 885.5  | 908.3  | 957.6  | 973.9  | 734.6  |
| 72.5°  | 646.0  | 642.7  | 646.0  | 662.4  | 675.6  | 695.3  | 731.3  | 757.6  | 800.2  | 819.9  | 570.6  |
| 75°    | 521.4  | 514.8  | 521.4  | 534.5  | 531.3  | 557.5  | 587.0  | 613.3  | 652.6  | 665.7  | 423.1  |
| 77.5°  | 400.1  | 400.1  | 400.1  | 413.2  | 413.2  | 439.4  | 452.5  | 485.4  | 508.3  | 528.0  | 311.5  |
| 80°    | 298.5  | 295.2  | 298.5  | 301.7  | 301.7  | 314.8  | 337.8  | 360.8  | 380.4  | 380.4  | 213.2  |
| 82.5°  | 209.9  | 203.3  | 209.9  | 209.9  | 209.9  | 216.5  | 229.6  | 236.1  | 249.2  | 259.1  | 134.5  |
| 85°    | 131.2  | 131.2  | 131.2  | 134.5  | 131.2  | 137.7  | 141.0  | 147.6  | 147.6  | 141.0  | 82.0   |
| 87.5°  | 85.3   | 82.0   | 85.3   | 82.0   | 82.0   | 78.7   | 78.7   | 78.7   | 75.4   | 72.2   | 45.9   |
| 90°    | 38.1   | 38.1   | 38.1   | 38.1   | 38.1   | 50.8   | 67.7   | 76.3   | 65.6   | 44.2   | 28.1   |
| 92.5°  | 152.7  | 122.4  | 152.7  | 183.0  | 190.6  | 270.3  | 376.4  | 429.5  | 377.0  | 272.3  | 193.7  |
| 95°    | 532.4  | 440.5  | 532.4  | 624.2  | 647.2  | 849.9  | 1120.2 | 1255.2 | 1060.2 | 670.0  | 377.3  |
| 97.5°  | 1275.6 | 1100.8 | 1275.6 | 1450.4 | 1494.1 | 1622.2 | 1793.0 | 1878.4 | 1553.1 | 902.4  | 414.4  |
| 100°   | 1837.8 | 1629.6 | 1837.8 | 2046.1 | 2098.2 | 2088.8 | 2076.3 | 2070.1 | 1709.0 | 987.0  | 445.5  |
| 102.5° | 2390.9 | 2212.5 | 2390.9 | 2569.3 | 2613.9 | 2450.7 | 2233.1 | 2124.2 | 1758.2 | 1025.9 | 476.7  |
| 105°   | 3096.1 | 3000.2 | 3096.1 | 3192.0 | 3215.9 | 2850.0 | 2362.1 | 2118.2 | 1763.7 | 1054.6 | 522.8  |
| 107.5° | 3558.0 | 3581.1 | 3558.0 | 3534.8 | 3529.0 | 3018.6 | 2338.1 | 1997.8 | 1685.2 | 1059.9 | 591.0  |
| 110°   | 3734.1 | 3834.0 | 3734.1 | 3634.2 | 3609.2 | 3038.7 | 2277.9 | 1897.5 | 1615.6 | 1051.9 | 629.2  |





TEST NUMBER: P935794

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**CANDELA DISTRIBUTION (continued):**

|        | 80°    | 90°    | 100°   | 110°   | 112.5° | 120°   | 130°   | 135°   | 140°   | 150°   | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 3749.8 | 3903.2 | 3749.8 | 3596.4 | 3558.1 | 2974.1 | 2195.5 | 1806.1 | 1554.9 | 1052.2 | 675.3  |
| 115°   | 3650.4 | 3863.1 | 3650.4 | 3437.7 | 3384.5 | 2821.9 | 2071.8 | 1696.8 | 1485.2 | 1061.9 | 744.5  |
| 117.5° | 3439.6 | 3675.5 | 3439.6 | 3203.7 | 3144.7 | 2636.9 | 1960.0 | 1621.5 | 1441.6 | 1081.7 | 811.7  |
| 120°   | 3269.7 | 3498.9 | 3269.7 | 3040.4 | 2983.2 | 2519.2 | 1900.7 | 1591.4 | 1426.9 | 1097.7 | 850.9  |
| 122.5° | 3104.3 | 3330.4 | 3104.3 | 2878.1 | 2821.6 | 2403.9 | 1846.8 | 1568.3 | 1419.1 | 1120.7 | 897.0  |
| 125°   | 2868.2 | 3076.5 | 2868.2 | 2659.9 | 2607.9 | 2253.0 | 1779.9 | 1543.2 | 1412.8 | 1151.9 | 956.2  |
| 127.5° | 2655.9 | 2831.6 | 2655.9 | 2480.2 | 2436.3 | 2131.6 | 1725.3 | 1522.2 | 1409.1 | 1183.1 | 1013.5 |
| 130°   | 2530.8 | 2693.1 | 2530.8 | 2368.5 | 2327.9 | 2056.7 | 1695.0 | 1514.2 | 1411.3 | 1205.7 | 1051.6 |
| 132.5° | 2417.4 | 2562.7 | 2417.4 | 2271.9 | 2235.6 | 1992.7 | 1669.0 | 1507.1 | 1412.8 | 1224.1 | 1082.7 |
| 135°   | 2261.8 | 2387.1 | 2261.8 | 2136.5 | 2105.2 | 1901.8 | 1630.6 | 1495.1 | 1411.4 | 1244.2 | 1118.8 |
| 137.5° | 2137.0 | 2239.6 | 2137.0 | 2034.5 | 2008.8 | 1836.9 | 1607.7 | 1493.0 | 1420.2 | 1274.3 | 1164.9 |
| 140°   | 2051.5 | 2147.3 | 2051.5 | 1955.5 | 1931.6 | 1783.1 | 1585.1 | 1486.1 | 1421.6 | 1292.7 | 1196.0 |
| 142.5° | 1980.4 | 2063.0 | 1980.4 | 1898.0 | 1877.3 | 1746.9 | 1573.0 | 1486.1 | 1426.8 | 1308.1 | 1219.1 |
| 145°   | 1874.1 | 1936.5 | 1874.1 | 1811.7 | 1796.1 | 1689.5 | 1547.1 | 1476.0 | 1426.8 | 1328.2 | 1254.3 |
| 147.5° | 1792.6 | 1844.3 | 1792.6 | 1740.8 | 1727.9 | 1643.9 | 1532.0 | 1476.0 | 1436.5 | 1357.7 | 1298.5 |
| 150°   | 1741.2 | 1783.1 | 1741.2 | 1699.2 | 1688.8 | 1617.8 | 1523.3 | 1476.0 | 1441.7 | 1373.0 | 1321.5 |
| 152.5° | 1697.2 | 1728.9 | 1697.2 | 1665.6 | 1657.7 | 1597.1 | 1516.4 | 1476.0 | 1445.0 | 1383.1 | 1336.5 |
| 155°   | 1646.7 | 1667.6 | 1646.7 | 1625.8 | 1620.6 | 1572.4 | 1508.2 | 1476.0 | 1452.3 | 1405.1 | 1369.7 |
| 157.5° | 1606.8 | 1621.5 | 1606.8 | 1592.1 | 1588.4 | 1550.9 | 1501.0 | 1476.0 | 1459.7 | 1427.1 | 1402.7 |
| 160°   | 1582.9 | 1591.4 | 1582.9 | 1574.4 | 1572.3 | 1540.2 | 1497.4 | 1476.0 | 1463.1 | 1437.2 | 1417.8 |
| 162.5° | 1567.4 | 1575.4 | 1567.4 | 1559.3 | 1557.3 | 1530.1 | 1494.0 | 1476.0 | 1466.6 | 1447.9 | 1433.8 |
| 165°   | 1544.8 | 1553.3 | 1544.8 | 1536.3 | 1534.2 | 1514.8 | 1489.0 | 1476.0 | 1471.7 | 1463.3 | 1457.0 |
| 167.5° | 1528.6 | 1532.2 | 1528.6 | 1525.0 | 1524.1 | 1511.4 | 1494.5 | 1486.1 | 1482.5 | 1475.3 | 1470.0 |
| 170°   | 1524.1 | 1524.1 | 1524.1 | 1524.1 | 1524.1 | 1511.4 | 1494.5 | 1486.1 | 1485.9 | 1485.4 | 1485.1 |
| 172.5° | 1512.2 | 1509.1 | 1512.2 | 1515.4 | 1516.2 | 1506.1 | 1492.7 | 1486.1 | 1486.1 | 1486.1 | 1486.1 |
| 175°   | 1505.1 | 1505.1 | 1505.1 | 1505.1 | 1505.1 | 1498.8 | 1490.3 | 1486.1 | 1488.1 | 1492.1 | 1495.1 |
| 177.5° | 1498.7 | 1495.1 | 1498.7 | 1502.2 | 1503.1 | 1498.1 | 1491.4 | 1488.1 | 1489.6 | 1492.7 | 1495.1 |
| 180°   | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1495.1 |



TEST NUMBER: P935794

CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-STD-W-8-3500K

**CANDELA DISTRIBUTION (continued):**

|        | 160°   | 170°   | 180°   | 190°   | 200°   | 202.5° | 210°   | 220°   | 225°   | 230°   | 240°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 3466.3 | 3466.3 | 3466.3 | 3466.3 | 3466.3 | 3466.3 | 3466.3 | 3466.3 | 3466.3 | 3466.3 | 3466.3 |
| 2.5°   | 3515.4 | 3495.8 | 3495.8 | 3463.0 | 3449.9 | 3440.0 | 3423.7 | 3374.4 | 3361.4 | 3348.2 | 3368.0 |
| 5°     | 3545.0 | 3508.9 | 3482.7 | 3423.7 | 3374.4 | 3354.8 | 3292.5 | 3174.4 | 3095.8 | 3036.7 | 3003.9 |
| 7.5°   | 3551.6 | 3505.6 | 3456.4 | 3364.7 | 3246.5 | 3194.1 | 3003.9 | 2787.4 | 2728.4 | 2676.0 | 2643.1 |
| 10°    | 3545.0 | 3492.6 | 3423.7 | 3285.9 | 3007.2 | 2915.3 | 2725.1 | 2584.1 | 2548.1 | 2538.2 | 2548.1 |
| 12.5°  | 3522.0 | 3472.8 | 3377.7 | 3148.2 | 2758.0 | 2695.7 | 2584.1 | 2502.2 | 2495.6 | 2512.0 | 2600.5 |
| 15°    | 3482.7 | 3436.8 | 3325.3 | 2964.6 | 2620.2 | 2574.3 | 2495.6 | 2466.1 | 2502.2 | 2617.0 | 2882.6 |
| 17.5°  | 3443.3 | 3390.8 | 3253.1 | 2784.2 | 2515.2 | 2482.5 | 2426.8 | 2485.8 | 2689.1 | 2843.2 | 2931.7 |
| 20°    | 3390.8 | 3328.5 | 3171.1 | 2653.0 | 2439.8 | 2410.3 | 2384.1 | 2649.7 | 2803.9 | 2859.6 | 2908.8 |
| 22.5°  | 3328.5 | 3263.0 | 3059.6 | 2561.2 | 2361.2 | 2338.2 | 2354.6 | 2741.6 | 2803.9 | 2843.2 | 2885.9 |
| 25°    | 3246.5 | 3190.8 | 2928.5 | 2489.1 | 2298.9 | 2272.6 | 2334.9 | 2731.7 | 2767.8 | 2777.6 | 2862.9 |
| 27.5°  | 3171.1 | 3099.0 | 2790.7 | 2423.5 | 2223.4 | 2213.6 | 2351.3 | 2689.1 | 2715.3 | 2725.1 | 2817.0 |
| 30°    | 3079.3 | 2971.1 | 2636.6 | 2354.6 | 2144.7 | 2141.4 | 2354.6 | 2636.6 | 2630.1 | 2656.3 | 2748.1 |
| 32.5°  | 2984.2 | 2780.9 | 2462.8 | 2269.3 | 2069.3 | 2066.0 | 2331.6 | 2557.9 | 2551.4 | 2587.4 | 2656.3 |
| 35°    | 2895.7 | 2633.4 | 2226.7 | 2170.9 | 1974.1 | 1977.4 | 2275.9 | 2466.1 | 2469.4 | 2502.2 | 2544.8 |
| 37.5°  | 2803.9 | 2505.4 | 1967.7 | 2062.7 | 1882.4 | 1882.4 | 2200.4 | 2380.8 | 2374.2 | 2384.1 | 2443.1 |
| 40°    | 2695.7 | 2305.3 | 1738.1 | 1921.7 | 1797.1 | 1787.2 | 2108.6 | 2289.0 | 2266.0 | 2262.8 | 2344.8 |
| 42.5°  | 2580.8 | 2085.7 | 1567.6 | 1734.8 | 1698.8 | 1685.6 | 1997.1 | 2177.5 | 2134.9 | 2144.7 | 2249.6 |
| 45°    | 2456.2 | 2026.7 | 1436.3 | 1465.9 | 1597.0 | 1587.2 | 1875.8 | 2049.6 | 2020.1 | 2046.3 | 2154.6 |
| 47.5°  | 2331.6 | 1908.5 | 1393.7 | 1216.7 | 1488.9 | 1485.6 | 1741.4 | 1925.0 | 1908.5 | 1934.8 | 2049.6 |
| 50°    | 2161.1 | 1777.4 | 1390.4 | 1042.8 | 1367.5 | 1380.6 | 1580.6 | 1803.7 | 1803.7 | 1826.6 | 1948.0 |
| 52.5°  | 1941.4 | 1616.7 | 1262.5 | 944.5  | 1226.5 | 1265.8 | 1439.6 | 1698.8 | 1705.2 | 1728.2 | 1836.4 |
| 55°    | 1741.4 | 1449.5 | 1170.7 | 869.0  | 1059.2 | 1144.5 | 1301.9 | 1590.5 | 1603.6 | 1626.6 | 1724.9 |
| 57.5°  | 1557.7 | 1206.8 | 1151.1 | 780.5  | 905.1  | 987.1  | 1180.5 | 1485.6 | 1492.1 | 1511.8 | 1606.9 |
| 60°    | 1361.0 | 872.3  | 1055.9 | 685.4  | 770.6  | 833.0  | 1069.1 | 1361.0 | 1383.9 | 1397.0 | 1479.0 |
| 62.5°  | 1137.9 | 633.0  | 957.6  | 619.8  | 705.0  | 718.2  | 977.2  | 1242.8 | 1272.4 | 1282.3 | 1331.4 |
| 65°    | 810.0  | 531.3  | 813.3  | 564.1  | 636.1  | 639.4  | 878.9  | 1121.5 | 1147.8 | 1164.2 | 1200.2 |
| 67.5°  | 547.7  | 432.9  | 619.8  | 511.5  | 583.7  | 587.0  | 783.7  | 980.5  | 1016.6 | 1029.8 | 1052.7 |
| 70°    | 380.4  | 288.6  | 459.1  | 455.8  | 524.7  | 531.3  | 682.1  | 852.6  | 885.5  | 895.3  | 908.3  |
| 72.5°  | 278.8  | 232.9  | 380.4  | 409.9  | 462.4  | 469.0  | 577.1  | 708.3  | 741.1  | 751.0  | 757.6  |
| 75°    | 213.2  | 245.9  | 308.2  | 357.5  | 393.5  | 396.8  | 472.2  | 577.1  | 600.1  | 606.7  | 610.0  |
| 77.5°  | 170.5  | 229.6  | 226.3  | 288.6  | 321.4  | 314.8  | 370.5  | 446.0  | 465.7  | 465.7  | 465.7  |
| 80°    | 127.9  | 180.3  | 170.5  | 206.6  | 236.1  | 229.6  | 265.6  | 318.1  | 324.6  | 331.2  | 327.9  |
| 82.5°  | 95.1   | 114.7  | 114.7  | 131.2  | 157.4  | 150.9  | 177.1  | 206.6  | 206.6  | 206.6  | 213.2  |
| 85°    | 59.0   | 65.6   | 52.4   | 68.9   | 88.6   | 85.3   | 98.4   | 111.5  | 114.7  | 114.7  | 108.2  |
| 87.5°  | 36.0   | 29.6   | 16.4   | 26.3   | 39.3   | 39.3   | 45.9   | 49.2   | 45.9   | 45.9   | 45.9   |
| 90°    | 26.1   | 18.1   | 10.1   | 18.1   | 26.1   | 28.1   | 44.2   | 65.6   | 76.3   | 67.7   | 50.8   |
| 92.5°  | 176.6  | 108.3  | 40.1   | 108.3  | 176.6  | 193.7  | 272.3  | 377.0  | 429.5  | 376.4  | 270.3  |
| 95°    | 346.1  | 221.2  | 96.3   | 221.2  | 346.1  | 377.3  | 670.0  | 1060.2 | 1255.2 | 1120.2 | 849.9  |
| 97.5°  | 386.9  | 276.7  | 166.6  | 276.7  | 386.9  | 414.4  | 902.4  | 1553.1 | 1878.4 | 1793.0 | 1622.2 |
| 100°   | 420.5  | 320.6  | 220.7  | 320.6  | 420.5  | 445.5  | 987.0  | 1709.0 | 2070.1 | 2076.3 | 2088.8 |
| 102.5° | 453.3  | 360.1  | 266.9  | 360.1  | 453.3  | 476.7  | 1025.9 | 1758.2 | 2124.2 | 2233.1 | 2450.7 |
| 105°   | 503.0  | 424.1  | 345.2  | 424.1  | 503.0  | 522.8  | 1054.6 | 1763.7 | 2118.2 | 2362.1 | 2850.0 |
| 107.5° | 572.6  | 499.0  | 425.5  | 499.0  | 572.6  | 591.0  | 1059.9 | 1685.2 | 1997.8 | 2338.1 | 3018.6 |
| 110°   | 612.6  | 546.1  | 479.7  | 546.1  | 612.6  | 629.2  | 1051.9 | 1615.6 | 1897.5 | 2277.9 | 3038.7 |



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**CANDELA DISTRIBUTION (continued):**

|        | 160°   | 170°   | 180°   | 190°   | 200°   | 202.5° | 210°   | 220°   | 225°   | 230°   | 240°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 659.5  | 596.1  | 532.9  | 596.1  | 659.5  | 675.3  | 1052.2 | 1554.9 | 1806.1 | 2195.5 | 2974.1 |
| 115°   | 729.9  | 671.5  | 613.1  | 671.5  | 729.9  | 744.5  | 1061.9 | 1485.2 | 1696.8 | 2071.8 | 2821.9 |
| 117.5° | 798.5  | 745.5  | 692.4  | 745.5  | 798.5  | 811.7  | 1081.7 | 1441.6 | 1621.5 | 1960.0 | 2636.9 |
| 120°   | 838.4  | 788.5  | 738.5  | 788.5  | 838.4  | 850.9  | 1097.7 | 1426.9 | 1591.4 | 1900.7 | 2519.2 |
| 122.5° | 884.4  | 834.0  | 783.6  | 834.0  | 884.4  | 897.0  | 1120.7 | 1419.1 | 1568.3 | 1846.8 | 2403.9 |
| 125°   | 944.8  | 898.8  | 852.9  | 898.8  | 944.8  | 956.2  | 1151.9 | 1412.8 | 1543.2 | 1779.9 | 2253.0 |
| 127.5° | 1001.8 | 955.5  | 909.1  | 955.5  | 1001.8 | 1013.5 | 1183.1 | 1409.1 | 1522.2 | 1725.3 | 2131.6 |
| 130°   | 1039.1 | 989.2  | 939.2  | 989.2  | 1039.1 | 1051.6 | 1205.7 | 1411.3 | 1514.2 | 1695.0 | 2056.7 |
| 132.5° | 1070.2 | 1020.3 | 970.3  | 1020.3 | 1070.2 | 1082.7 | 1224.1 | 1412.8 | 1507.1 | 1669.0 | 1992.7 |
| 135°   | 1107.5 | 1061.9 | 1016.5 | 1061.9 | 1107.5 | 1118.8 | 1244.2 | 1411.4 | 1495.1 | 1630.6 | 1901.8 |
| 137.5° | 1153.7 | 1108.6 | 1063.6 | 1108.6 | 1153.7 | 1164.9 | 1274.3 | 1420.2 | 1493.0 | 1607.7 | 1836.9 |
| 140°   | 1185.7 | 1144.2 | 1102.7 | 1144.2 | 1185.7 | 1196.0 | 1292.7 | 1421.6 | 1486.1 | 1585.1 | 1783.1 |
| 142.5° | 1209.5 | 1171.2 | 1132.9 | 1171.2 | 1209.5 | 1219.1 | 1308.1 | 1426.8 | 1486.1 | 1573.0 | 1746.9 |
| 145°   | 1245.9 | 1212.4 | 1179.0 | 1212.4 | 1245.9 | 1254.3 | 1328.2 | 1426.8 | 1476.0 | 1547.1 | 1689.5 |
| 147.5° | 1290.3 | 1257.8 | 1225.2 | 1257.8 | 1290.3 | 1298.5 | 1357.7 | 1436.5 | 1476.0 | 1532.0 | 1643.9 |
| 150°   | 1314.2 | 1284.7 | 1255.2 | 1284.7 | 1314.2 | 1321.5 | 1373.0 | 1441.7 | 1476.0 | 1523.3 | 1617.8 |
| 152.5° | 1330.9 | 1308.6 | 1286.3 | 1308.6 | 1330.9 | 1336.5 | 1383.1 | 1445.0 | 1476.0 | 1516.4 | 1597.1 |
| 155°   | 1365.5 | 1349.0 | 1332.6 | 1349.0 | 1365.5 | 1369.7 | 1405.1 | 1452.3 | 1476.0 | 1508.2 | 1572.4 |
| 157.5° | 1398.8 | 1382.7 | 1366.7 | 1382.7 | 1398.8 | 1402.7 | 1427.1 | 1459.7 | 1476.0 | 1501.0 | 1550.9 |
| 160°   | 1414.7 | 1402.2 | 1389.7 | 1402.2 | 1414.7 | 1417.8 | 1437.2 | 1463.1 | 1476.0 | 1497.4 | 1540.2 |
| 162.5° | 1431.5 | 1422.1 | 1412.8 | 1422.1 | 1431.5 | 1433.8 | 1447.9 | 1466.6 | 1476.0 | 1494.0 | 1530.1 |
| 165°   | 1454.9 | 1446.4 | 1437.9 | 1446.4 | 1454.9 | 1457.0 | 1463.3 | 1471.7 | 1476.0 | 1489.0 | 1514.8 |
| 167.5° | 1469.0 | 1464.9 | 1461.0 | 1464.9 | 1469.0 | 1470.0 | 1475.3 | 1482.5 | 1486.1 | 1494.5 | 1511.4 |
| 170°   | 1484.1 | 1480.1 | 1476.0 | 1480.1 | 1484.1 | 1485.1 | 1485.4 | 1485.9 | 1486.1 | 1494.5 | 1511.4 |
| 172.5° | 1485.9 | 1484.9 | 1484.0 | 1484.9 | 1485.9 | 1486.1 | 1486.1 | 1486.1 | 1486.1 | 1492.7 | 1506.1 |
| 175°   | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1492.1 | 1488.1 | 1486.1 | 1490.3 | 1498.8 |
| 177.5° | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1492.7 | 1489.6 | 1488.1 | 1491.4 | 1498.1 |
| 180°   | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1495.1 |



TEST NUMBER: P935794

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**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 260°   | 270°   | 280°   | 290°   | 292.5° | 300°   | 310°   | 315°   | 320°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 3466.3 | 3466.3 | 3466.3 | 3466.3 | 3466.3 | 3466.3 | 3466.3 | 3466.3 | 3466.3 | 3466.3 | 3466.3 |
| 2.5°   | 3345.0 | 3335.1 | 3348.2 | 3312.1 | 3348.2 | 3335.1 | 3345.0 | 3368.0 | 3348.2 | 3361.4 | 3374.4 |
| 5°     | 2935.0 | 2918.6 | 2866.2 | 2823.6 | 2866.2 | 2918.6 | 2935.0 | 3003.9 | 3036.7 | 3095.8 | 3174.4 |
| 7.5°   | 2623.5 | 2610.4 | 2597.2 | 2571.0 | 2597.2 | 2610.4 | 2623.5 | 2643.1 | 2676.0 | 2728.4 | 2787.4 |
| 10°    | 2554.7 | 2557.9 | 2577.5 | 2574.3 | 2577.5 | 2557.9 | 2554.7 | 2548.1 | 2538.2 | 2548.1 | 2584.1 |
| 12.5°  | 2731.7 | 2761.3 | 2869.4 | 2862.9 | 2869.4 | 2761.3 | 2731.7 | 2600.5 | 2512.0 | 2495.6 | 2502.2 |
| 15°    | 2935.0 | 2944.9 | 2967.9 | 2971.1 | 2967.9 | 2944.9 | 2935.0 | 2882.6 | 2617.0 | 2502.2 | 2466.1 |
| 17.5°  | 2954.7 | 2958.0 | 2974.3 | 2974.3 | 2974.3 | 2958.0 | 2954.7 | 2931.7 | 2843.2 | 2689.1 | 2485.8 |
| 20°    | 2938.3 | 2944.9 | 2977.6 | 2984.2 | 2977.6 | 2944.9 | 2938.3 | 2908.8 | 2859.6 | 2803.9 | 2649.7 |
| 22.5°  | 2931.7 | 2944.9 | 2971.1 | 2967.9 | 2971.1 | 2944.9 | 2931.7 | 2885.9 | 2843.2 | 2803.9 | 2741.6 |
| 25°    | 2899.0 | 2899.0 | 2902.3 | 2905.5 | 2902.3 | 2899.0 | 2899.0 | 2862.9 | 2777.6 | 2767.8 | 2731.7 |
| 27.5°  | 2830.1 | 2836.7 | 2856.3 | 2853.0 | 2856.3 | 2836.7 | 2830.1 | 2817.0 | 2725.1 | 2715.3 | 2689.1 |
| 30°    | 2767.8 | 2761.3 | 2744.8 | 2731.7 | 2744.8 | 2761.3 | 2767.8 | 2748.1 | 2656.3 | 2630.1 | 2636.6 |
| 32.5°  | 2662.8 | 2646.4 | 2630.1 | 2620.2 | 2630.1 | 2646.4 | 2662.8 | 2656.3 | 2587.4 | 2551.4 | 2557.9 |
| 35°    | 2538.2 | 2541.5 | 2538.2 | 2528.4 | 2538.2 | 2541.5 | 2538.2 | 2544.8 | 2502.2 | 2469.4 | 2466.1 |
| 37.5°  | 2449.7 | 2456.2 | 2452.9 | 2439.8 | 2452.9 | 2456.2 | 2449.7 | 2443.1 | 2384.1 | 2374.2 | 2380.8 |
| 40°    | 2357.9 | 2361.2 | 2357.9 | 2348.0 | 2357.9 | 2361.2 | 2357.9 | 2344.8 | 2262.8 | 2266.0 | 2289.0 |
| 42.5°  | 2269.3 | 2266.0 | 2256.2 | 2249.6 | 2256.2 | 2266.0 | 2269.3 | 2249.6 | 2144.7 | 2134.9 | 2177.5 |
| 45°    | 2167.7 | 2170.9 | 2151.3 | 2141.4 | 2151.3 | 2170.9 | 2167.7 | 2154.6 | 2046.3 | 2020.1 | 2049.6 |
| 47.5°  | 2066.0 | 2066.0 | 2049.6 | 2039.7 | 2049.6 | 2066.0 | 2066.0 | 2049.6 | 1934.8 | 1908.5 | 1925.0 |
| 50°    | 1957.8 | 1954.5 | 1931.5 | 1928.3 | 1931.5 | 1954.5 | 1957.8 | 1948.0 | 1826.6 | 1803.7 | 1803.7 |
| 52.5°  | 1833.2 | 1833.2 | 1836.4 | 1843.0 | 1836.4 | 1833.2 | 1833.2 | 1836.4 | 1728.2 | 1705.2 | 1698.8 |
| 55°    | 1724.9 | 1728.2 | 1751.2 | 1757.8 | 1751.2 | 1728.2 | 1724.9 | 1724.9 | 1626.6 | 1603.6 | 1590.5 |
| 57.5°  | 1613.5 | 1613.5 | 1629.9 | 1629.9 | 1629.9 | 1613.5 | 1613.5 | 1606.9 | 1511.8 | 1492.1 | 1485.6 |
| 60°    | 1485.6 | 1492.1 | 1505.2 | 1502.0 | 1505.2 | 1492.1 | 1485.6 | 1479.0 | 1397.0 | 1383.9 | 1361.0 |
| 62.5°  | 1351.1 | 1357.7 | 1361.0 | 1354.4 | 1361.0 | 1357.7 | 1351.1 | 1331.4 | 1282.3 | 1272.4 | 1242.8 |
| 65°    | 1210.1 | 1216.7 | 1220.0 | 1213.4 | 1220.0 | 1216.7 | 1210.1 | 1200.2 | 1164.2 | 1147.8 | 1121.5 |
| 67.5°  | 1065.8 | 1062.5 | 1059.2 | 1072.4 | 1059.2 | 1062.5 | 1065.8 | 1052.7 | 1029.8 | 1016.6 | 980.5  |
| 70°    | 918.2  | 918.2  | 914.9  | 921.5  | 914.9  | 918.2  | 918.2  | 908.3  | 895.3  | 885.5  | 852.6  |
| 72.5°  | 760.9  | 757.6  | 770.6  | 760.9  | 770.6  | 757.6  | 760.9  | 757.6  | 751.0  | 741.1  | 708.3  |
| 75°    | 606.7  | 613.3  | 606.7  | 616.5  | 606.7  | 613.3  | 606.7  | 610.0  | 606.7  | 600.1  | 577.1  |
| 77.5°  | 462.4  | 469.0  | 462.4  | 462.4  | 462.4  | 469.0  | 462.4  | 465.7  | 465.7  | 465.7  | 446.0  |
| 80°    | 327.9  | 324.6  | 324.6  | 321.4  | 324.6  | 324.6  | 327.9  | 327.9  | 331.2  | 324.6  | 318.1  |
| 82.5°  | 209.9  | 206.6  | 206.6  | 213.2  | 206.6  | 206.6  | 209.9  | 213.2  | 206.6  | 206.6  | 206.6  |
| 85°    | 114.7  | 118.0  | 111.5  | 111.5  | 111.5  | 118.0  | 114.7  | 108.2  | 114.7  | 114.7  | 111.5  |
| 87.5°  | 42.6   | 39.3   | 39.3   | 39.3   | 39.3   | 39.3   | 42.6   | 45.9   | 45.9   | 45.9   | 49.2   |
| 90°    | 38.1   | 38.1   | 38.1   | 38.1   | 38.1   | 38.1   | 38.1   | 50.8   | 67.7   | 76.3   | 65.6   |
| 92.5°  | 190.6  | 183.0  | 152.7  | 122.4  | 152.7  | 183.0  | 190.6  | 270.3  | 376.4  | 429.5  | 377.0  |
| 95°    | 647.2  | 624.2  | 532.4  | 440.5  | 532.4  | 624.2  | 647.2  | 849.9  | 1120.2 | 1255.2 | 1060.2 |
| 97.5°  | 1494.1 | 1450.4 | 1275.6 | 1100.8 | 1275.6 | 1450.4 | 1494.1 | 1622.2 | 1793.0 | 1878.4 | 1553.1 |
| 100°   | 2098.2 | 2046.1 | 1837.8 | 1629.6 | 1837.8 | 2046.1 | 2098.2 | 2088.8 | 2076.3 | 2070.1 | 1709.0 |
| 102.5° | 2613.9 | 2569.3 | 2390.9 | 2212.5 | 2390.9 | 2569.3 | 2613.9 | 2450.7 | 2233.1 | 2124.2 | 1758.2 |
| 105°   | 3215.9 | 3192.0 | 3096.1 | 3000.2 | 3096.1 | 3192.0 | 3215.9 | 2850.0 | 2362.1 | 2118.2 | 1763.7 |
| 107.5° | 3529.0 | 3534.8 | 3558.0 | 3581.1 | 3558.0 | 3534.8 | 3529.0 | 3018.6 | 2338.1 | 1997.8 | 1685.2 |
| 110°   | 3609.2 | 3634.2 | 3734.1 | 3834.0 | 3734.1 | 3634.2 | 3609.2 | 3038.7 | 2277.9 | 1897.5 | 1615.6 |



TEST NUMBER: P935794

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**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 260°   | 270°   | 280°   | 290°   | 292.5° | 300°   | 310°   | 315°   | 320°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 3558.1 | 3596.4 | 3749.8 | 3903.2 | 3749.8 | 3596.4 | 3558.1 | 2974.1 | 2195.5 | 1806.1 | 1554.9 |
| 115°   | 3384.5 | 3437.7 | 3650.4 | 3863.1 | 3650.4 | 3437.7 | 3384.5 | 2821.9 | 2071.8 | 1696.8 | 1485.2 |
| 117.5° | 3144.7 | 3203.7 | 3439.6 | 3675.5 | 3439.6 | 3203.7 | 3144.7 | 2636.9 | 1960.0 | 1621.5 | 1441.6 |
| 120°   | 2983.2 | 3040.4 | 3269.7 | 3498.9 | 3269.7 | 3040.4 | 2983.2 | 2519.2 | 1900.7 | 1591.4 | 1426.9 |
| 122.5° | 2821.6 | 2878.1 | 3104.3 | 3330.4 | 3104.3 | 2878.1 | 2821.6 | 2403.9 | 1846.8 | 1568.3 | 1419.1 |
| 125°   | 2607.9 | 2659.9 | 2868.2 | 3076.5 | 2868.2 | 2659.9 | 2607.9 | 2253.0 | 1779.9 | 1543.2 | 1412.8 |
| 127.5° | 2436.3 | 2480.2 | 2655.9 | 2831.6 | 2655.9 | 2480.2 | 2436.3 | 2131.6 | 1725.3 | 1522.2 | 1409.1 |
| 130°   | 2327.9 | 2368.5 | 2530.8 | 2693.1 | 2530.8 | 2368.5 | 2327.9 | 2056.7 | 1695.0 | 1514.2 | 1411.3 |
| 132.5° | 2235.6 | 2271.9 | 2417.4 | 2562.7 | 2417.4 | 2271.9 | 2235.6 | 1992.7 | 1669.0 | 1507.1 | 1412.8 |
| 135°   | 2105.2 | 2136.5 | 2261.8 | 2387.1 | 2261.8 | 2136.5 | 2105.2 | 1901.8 | 1630.6 | 1495.1 | 1411.4 |
| 137.5° | 2008.8 | 2034.5 | 2137.0 | 2239.6 | 2137.0 | 2034.5 | 2008.8 | 1836.9 | 1607.7 | 1493.0 | 1420.2 |
| 140°   | 1931.6 | 1955.5 | 2051.5 | 2147.3 | 2051.5 | 1955.5 | 1931.6 | 1783.1 | 1585.1 | 1486.1 | 1421.6 |
| 142.5° | 1877.3 | 1898.0 | 1980.4 | 2063.0 | 1980.4 | 1898.0 | 1877.3 | 1746.9 | 1573.0 | 1486.1 | 1426.8 |
| 145°   | 1796.1 | 1811.7 | 1874.1 | 1936.5 | 1874.1 | 1811.7 | 1796.1 | 1689.5 | 1547.1 | 1476.0 | 1426.8 |
| 147.5° | 1727.9 | 1740.8 | 1792.6 | 1844.3 | 1792.6 | 1740.8 | 1727.9 | 1643.9 | 1532.0 | 1476.0 | 1436.5 |
| 150°   | 1688.8 | 1699.2 | 1741.2 | 1783.1 | 1741.2 | 1699.2 | 1688.8 | 1617.8 | 1523.3 | 1476.0 | 1441.7 |
| 152.5° | 1657.7 | 1665.6 | 1697.2 | 1728.9 | 1697.2 | 1665.6 | 1657.7 | 1597.1 | 1516.4 | 1476.0 | 1445.0 |
| 155°   | 1620.6 | 1625.8 | 1646.7 | 1667.6 | 1646.7 | 1625.8 | 1620.6 | 1572.4 | 1508.2 | 1476.0 | 1452.3 |
| 157.5° | 1588.4 | 1592.1 | 1606.8 | 1621.5 | 1606.8 | 1592.1 | 1588.4 | 1550.9 | 1501.0 | 1476.0 | 1459.7 |
| 160°   | 1572.3 | 1574.4 | 1582.9 | 1591.4 | 1582.9 | 1574.4 | 1572.3 | 1540.2 | 1497.4 | 1476.0 | 1463.1 |
| 162.5° | 1557.3 | 1559.3 | 1567.4 | 1575.4 | 1567.4 | 1559.3 | 1557.3 | 1530.1 | 1494.0 | 1476.0 | 1466.6 |
| 165°   | 1534.2 | 1536.3 | 1544.8 | 1553.3 | 1544.8 | 1536.3 | 1534.2 | 1514.8 | 1489.0 | 1476.0 | 1471.7 |
| 167.5° | 1524.1 | 1525.0 | 1528.6 | 1532.2 | 1528.6 | 1525.0 | 1524.1 | 1511.4 | 1494.5 | 1486.1 | 1482.5 |
| 170°   | 1524.1 | 1524.1 | 1524.1 | 1524.1 | 1524.1 | 1524.1 | 1524.1 | 1511.4 | 1494.5 | 1486.1 | 1485.9 |
| 172.5° | 1516.2 | 1515.4 | 1512.2 | 1509.1 | 1512.2 | 1515.4 | 1516.2 | 1506.1 | 1492.7 | 1486.1 | 1486.1 |
| 175°   | 1505.1 | 1505.1 | 1505.1 | 1505.1 | 1505.1 | 1505.1 | 1505.1 | 1498.8 | 1490.3 | 1486.1 | 1488.1 |
| 177.5° | 1503.1 | 1502.2 | 1498.7 | 1495.1 | 1498.7 | 1502.2 | 1503.1 | 1498.1 | 1491.4 | 1488.1 | 1489.6 |
| 180°   | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1495.1 |



TEST NUMBER: P935794

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**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 337.5° | 340°   | 350°   | 360°   |
|--------|--------|--------|--------|--------|--------|
| 0°     | 3466.3 | 3466.3 | 3466.3 | 3466.3 | 3466.3 |
| 2.5°   | 3423.7 | 3440.0 | 3449.9 | 3463.0 | 3495.8 |
| 5°     | 3292.5 | 3354.8 | 3374.4 | 3423.7 | 3482.7 |
| 7.5°   | 3003.9 | 3194.1 | 3246.5 | 3364.7 | 3456.4 |
| 10°    | 2725.1 | 2915.3 | 3007.2 | 3285.9 | 3423.7 |
| 12.5°  | 2584.1 | 2695.7 | 2758.0 | 3148.2 | 3377.7 |
| 15°    | 2495.6 | 2574.3 | 2620.2 | 2964.6 | 3325.3 |
| 17.5°  | 2426.8 | 2482.5 | 2515.2 | 2784.2 | 3253.1 |
| 20°    | 2384.1 | 2410.3 | 2439.8 | 2653.0 | 3171.1 |
| 22.5°  | 2354.6 | 2338.2 | 2361.2 | 2561.2 | 3059.6 |
| 25°    | 2334.9 | 2272.6 | 2298.9 | 2489.1 | 2928.5 |
| 27.5°  | 2351.3 | 2213.6 | 2223.4 | 2423.5 | 2790.7 |
| 30°    | 2354.6 | 2141.4 | 2144.7 | 2354.6 | 2636.6 |
| 32.5°  | 2331.6 | 2066.0 | 2069.3 | 2269.3 | 2462.8 |
| 35°    | 2275.9 | 1977.4 | 1974.1 | 2170.9 | 2226.7 |
| 37.5°  | 2200.4 | 1882.4 | 1882.4 | 2062.7 | 1967.7 |
| 40°    | 2108.6 | 1787.2 | 1797.1 | 1921.7 | 1738.1 |
| 42.5°  | 1997.1 | 1685.6 | 1698.8 | 1734.8 | 1567.6 |
| 45°    | 1875.8 | 1587.2 | 1597.0 | 1465.9 | 1436.3 |
| 47.5°  | 1741.4 | 1485.6 | 1488.9 | 1216.7 | 1393.7 |
| 50°    | 1580.6 | 1380.6 | 1367.5 | 1042.8 | 1390.4 |
| 52.5°  | 1439.6 | 1265.8 | 1226.5 | 944.5  | 1262.5 |
| 55°    | 1301.9 | 1144.5 | 1059.2 | 869.0  | 1170.7 |
| 57.5°  | 1180.5 | 987.1  | 905.1  | 780.5  | 1151.1 |
| 60°    | 1069.1 | 833.0  | 770.6  | 685.4  | 1055.9 |
| 62.5°  | 977.2  | 718.2  | 705.0  | 619.8  | 957.6  |
| 65°    | 878.9  | 639.4  | 636.1  | 564.1  | 813.3  |
| 67.5°  | 783.7  | 587.0  | 583.7  | 511.5  | 619.8  |
| 70°    | 682.1  | 531.3  | 524.7  | 455.8  | 459.1  |
| 72.5°  | 577.1  | 469.0  | 462.4  | 409.9  | 380.4  |
| 75°    | 472.2  | 396.8  | 393.5  | 357.5  | 308.2  |
| 77.5°  | 370.5  | 314.8  | 321.4  | 288.6  | 226.3  |
| 80°    | 265.6  | 229.6  | 236.1  | 206.6  | 170.5  |
| 82.5°  | 177.1  | 150.9  | 157.4  | 131.2  | 114.7  |
| 85°    | 98.4   | 85.3   | 88.6   | 68.9   | 52.4   |
| 87.5°  | 45.9   | 39.3   | 39.3   | 26.3   | 16.4   |
| 90°    | 44.2   | 28.1   | 26.1   | 18.1   | 10.1   |
| 92.5°  | 272.3  | 193.7  | 176.6  | 108.3  | 40.1   |
| 95°    | 670.0  | 377.3  | 346.1  | 221.2  | 96.3   |
| 97.5°  | 902.4  | 414.4  | 386.9  | 276.7  | 166.6  |
| 100°   | 987.0  | 445.5  | 420.5  | 320.6  | 220.7  |
| 102.5° | 1025.9 | 476.7  | 453.3  | 360.1  | 266.9  |
| 105°   | 1054.6 | 522.8  | 503.0  | 424.1  | 345.2  |
| 107.5° | 1059.9 | 591.0  | 572.6  | 499.0  | 425.5  |
| 110°   | 1051.9 | 629.2  | 612.6  | 546.1  | 479.7  |



TEST NUMBER: P935794

CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-STD-W-8-3500K

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 337.5° | 340°   | 350°   | 360°   |
|--------|--------|--------|--------|--------|--------|
| 112.5° | 1052.2 | 675.3  | 659.5  | 596.1  | 532.9  |
| 115°   | 1061.9 | 744.5  | 729.9  | 671.5  | 613.1  |
| 117.5° | 1081.7 | 811.7  | 798.5  | 745.5  | 692.4  |
| 120°   | 1097.7 | 850.9  | 838.4  | 788.5  | 738.5  |
| 122.5° | 1120.7 | 897.0  | 884.4  | 834.0  | 783.6  |
| 125°   | 1151.9 | 956.2  | 944.8  | 898.8  | 852.9  |
| 127.5° | 1183.1 | 1013.5 | 1001.8 | 955.5  | 909.1  |
| 130°   | 1205.7 | 1051.6 | 1039.1 | 989.2  | 939.2  |
| 132.5° | 1224.1 | 1082.7 | 1070.2 | 1020.3 | 970.3  |
| 135°   | 1244.2 | 1118.8 | 1107.5 | 1061.9 | 1016.5 |
| 137.5° | 1274.3 | 1164.9 | 1153.7 | 1108.6 | 1063.6 |
| 140°   | 1292.7 | 1196.0 | 1185.7 | 1144.2 | 1102.7 |
| 142.5° | 1308.1 | 1219.1 | 1209.5 | 1171.2 | 1132.9 |
| 145°   | 1328.2 | 1254.3 | 1245.9 | 1212.4 | 1179.0 |
| 147.5° | 1357.7 | 1298.5 | 1290.3 | 1257.8 | 1225.2 |
| 150°   | 1373.0 | 1321.5 | 1314.2 | 1284.7 | 1255.2 |
| 152.5° | 1383.1 | 1336.5 | 1330.9 | 1308.6 | 1286.3 |
| 155°   | 1405.1 | 1369.7 | 1365.5 | 1349.0 | 1332.6 |
| 157.5° | 1427.1 | 1402.7 | 1398.8 | 1382.7 | 1366.7 |
| 160°   | 1437.2 | 1417.8 | 1414.7 | 1402.2 | 1389.7 |
| 162.5° | 1447.9 | 1433.8 | 1431.5 | 1422.1 | 1412.8 |
| 165°   | 1463.3 | 1457.0 | 1454.9 | 1446.4 | 1437.9 |
| 167.5° | 1475.3 | 1470.0 | 1469.0 | 1464.9 | 1461.0 |
| 170°   | 1485.4 | 1485.1 | 1484.1 | 1480.1 | 1476.0 |
| 172.5° | 1486.1 | 1486.1 | 1485.9 | 1484.9 | 1484.0 |
| 175°   | 1492.1 | 1495.1 | 1495.1 | 1495.1 | 1495.1 |
| 177.5° | 1492.7 | 1495.1 | 1495.1 | 1495.1 | 1495.1 |
| 180°   | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1495.1 |



TEST NUMBER: P935794  
 CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-STD-W-8-3500K

**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 | 14.28            | 15.13 | 15.26 | 16.11 | 17.41 | 17.12          | 17.96 | 18.09 | 18.95 | 20.25 |
|                 | 3H   | 14.76            | 15.52 | 15.74 | 16.51 | 17.83 | 18.47          | 19.22 | 19.45 | 20.22 | 21.54 |
|                 | 4H   | 14.95            | 15.66 | 15.95 | 16.66 | 17.99 | 18.91          | 19.63 | 19.91 | 20.63 | 21.96 |
|                 | 6H   | 15.07            | 15.73 | 16.07 | 16.73 | 18.07 | 19.20          | 19.86 | 20.21 | 20.86 | 22.20 |
|                 | 8H   | 15.07            | 15.70 | 16.08 | 16.72 | 18.05 | 19.27          | 19.90 | 20.29 | 20.92 | 22.26 |
|                 | 12H  | 15.04            | 15.63 | 16.06 | 16.65 | 18.01 | 19.31          | 19.91 | 20.33 | 20.92 | 22.29 |
| 4H              | 2H   | 15.31            | 16.03 | 16.32 | 17.03 | 18.36 | 17.53          | 18.24 | 18.53 | 19.24 | 20.57 |
|                 | 3H   | 16.34            | 16.94 | 17.35 | 17.97 | 19.31 | 19.03          | 19.63 | 20.05 | 20.66 | 22.00 |
|                 | 4H   | 16.62            | 17.16 | 17.64 | 18.18 | 19.55 | 19.56          | 20.11 | 20.58 | 21.13 | 22.49 |
|                 | 6H   | 16.74            | 17.21 | 17.77 | 18.25 | 19.61 | 19.93          | 20.40 | 20.96 | 21.44 | 22.80 |
|                 | 8H   | 16.75            | 17.18 | 17.78 | 18.22 | 19.60 | 20.04          | 20.47 | 21.07 | 21.51 | 22.89 |
|                 | 12H  | 16.71            | 17.11 | 17.76 | 18.16 | 19.54 | 20.09          | 20.49 | 21.14 | 21.54 | 22.92 |
| 8H              | 4H   | 17.07            | 17.51 | 18.10 | 18.55 | 19.92 | 19.69          | 20.12 | 20.72 | 21.16 | 22.54 |
|                 | 6H   | 17.33            | 17.69 | 18.39 | 18.77 | 20.15 | 20.12          | 20.49 | 21.18 | 21.56 | 22.94 |
|                 | 8H   | 17.37            | 17.69 | 18.44 | 18.76 | 20.15 | 20.28          | 20.60 | 21.34 | 21.66 | 23.05 |
|                 | 12H  | 17.36            | 17.64 | 18.42 | 18.69 | 20.13 | 20.38          | 20.66 | 21.44 | 21.71 | 23.15 |
| 12H             | 4H   | 17.07            | 17.47 | 18.13 | 18.52 | 19.90 | 19.65          | 20.05 | 20.70 | 21.10 | 22.48 |
|                 | 6H   | 17.39            | 17.71 | 18.46 | 18.77 | 20.17 | 20.12          | 20.44 | 21.18 | 21.50 | 22.90 |
|                 | 8H   | 17.46            | 17.74 | 18.52 | 18.80 | 20.23 | 20.28          | 20.56 | 21.35 | 21.62 | 23.06 |