

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: P935668

Luminaire Tested: SQ4-FA-125U-100D-93050-1D-UNV-STD-W-8-5000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935668
REPORT IS A COMBINATION OF REPORTS P933764 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-125U-100D-93050-1D-UNV-STD-W-8-5000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

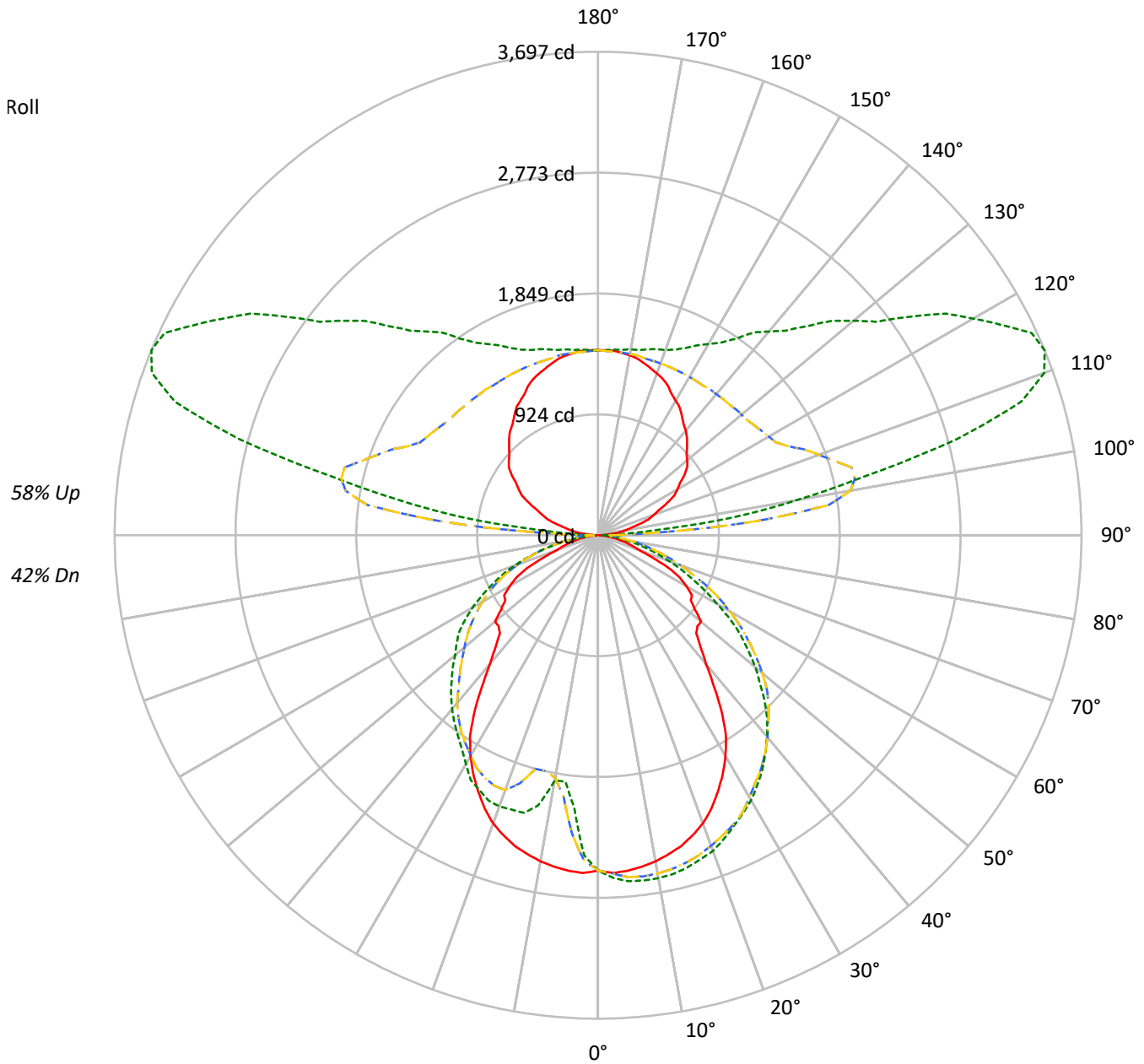
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 15830.3 lumens
Efficiency: N/A
Efficacy: 122.9 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): 128.8
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P935668
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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 | 50 | 30 | 10 | 0 |
| RCR | | | | | | | | | | | | | | | | | | | | | |
| 0 | 105 | 105 | 105 | 105 | 96 | 96 | 96 | 96 | 79 | 79 | 79 | 63 | 63 | 63 | 49 | 49 | 49 | 49 | 49 | 49 | 42 |
| 1 | 96 | 92 | 88 | 85 | 88 | 84 | 81 | 78 | 69 | 67 | 65 | 56 | 54 | 53 | 43 | 42 | 41 | 41 | 41 | 41 | 35 |
| 2 | 87 | 80 | 74 | 69 | 80 | 73 | 68 | 64 | 61 | 57 | 54 | 49 | 46 | 44 | 38 | 36 | 35 | 35 | 35 | 35 | 30 |
| 3 | 80 | 70 | 63 | 57 | 72 | 65 | 58 | 53 | 53 | 49 | 45 | 43 | 40 | 37 | 34 | 31 | 30 | 30 | 30 | 30 | 25 |
| 4 | 73 | 62 | 54 | 49 | 66 | 57 | 50 | 45 | 47 | 42 | 38 | 38 | 35 | 32 | 30 | 28 | 25 | 25 | 25 | 25 | 22 |
| 5 | 67 | 55 | 47 | 41 | 61 | 51 | 44 | 39 | 42 | 37 | 33 | 34 | 31 | 27 | 27 | 24 | 22 | 22 | 22 | 22 | 19 |
| 6 | 62 | 50 | 42 | 36 | 56 | 46 | 39 | 33 | 38 | 33 | 29 | 31 | 27 | 24 | 24 | 22 | 19 | 19 | 19 | 19 | 16 |
| 7 | 57 | 45 | 37 | 31 | 52 | 41 | 34 | 29 | 34 | 29 | 25 | 28 | 24 | 21 | 22 | 19 | 17 | 17 | 17 | 17 | 15 |
| 8 | 53 | 40 | 33 | 28 | 48 | 37 | 31 | 26 | 31 | 26 | 22 | 26 | 22 | 19 | 20 | 18 | 15 | 15 | 15 | 15 | 13 |
| 9 | 49 | 37 | 30 | 25 | 45 | 34 | 27 | 23 | 29 | 24 | 20 | 24 | 20 | 17 | 19 | 16 | 14 | 14 | 14 | 14 | 12 |
| 10 | 46 | 34 | 27 | 22 | 42 | 31 | 25 | 21 | 26 | 21 | 18 | 22 | 18 | 15 | 17 | 15 | 13 | 13 | 13 | 13 | 11 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 11892 | 11892 | 11892 | 11892 |
| 5° | 11981 | 12005 | 11981 | 9439 |
| 10° | 11901 | 11825 | 11901 | 8454 |
| 15° | 11772 | 11569 | 11772 | 9661 |
| 20° | 11526 | 11266 | 11526 | 9681 |
| 25° | 11021 | 10823 | 11021 | 9475 |
| 30° | 10370 | 10455 | 10370 | 9025 |
| 35° | 9245 | 9991 | 9245 | 8530 |
| 40° | 7703 | 9443 | 7703 | 8156 |
| 45° | 6883 | 8803 | 6883 | 7726 |
| 50° | 7313 | 8039 | 7313 | 7294 |
| 55° | 6881 | 7215 | 6881 | 7045 |
| 60° | 7093 | 6128 | 7093 | 6453 |
| 65° | 6430 | 5066 | 6430 | 5662 |
| 70° | 4453 | 4037 | 4453 | 4747 |
| 75° | 3905 | 2985 | 3905 | 3574 |
| 80° | 3146 | 1973 | 3146 | 2149 |
| 85° | 1807 | 1045 | 1807 | 888 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 10549 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 231.4 | 1.5 |
| 10°-20° | 656.9 | 4.1 |
| 20°-30° | 1015.5 | 6.4 |
| 30°-40° | 1212.3 | 7.7 |
| 40°-50° | 1219.4 | 7.7 |
| 50°-60° | 1061.0 | 6.7 |
| 60°-70° | 752.3 | 4.8 |
| 70°-80° | 398.0 | 2.5 |
| 80°-90° | 104.5 | 0.7 |
| 90°-100° | 690.2 | 4.4 |
| 100°-110° | 1814.6 | 11.5 |
| 110°-120° | 1881.5 | 11.9 |
| 120°-130° | 1509.2 | 9.5 |
| 130°-140° | 1184.2 | 7.5 |
| 140°-150° | 908.9 | 5.7 |
| 150°-160° | 654.6 | 4.1 |
| 160°-170° | 400.5 | 2.5 |
| 170°-180° | 135.3 | 0.9 |
| 0°-30° | 1903.8 | 12.0 |
| 0°-40° | 3116.1 | 19.7 |
| 0°-60° | 5396.5 | 34.1 |
| 0°-90° | 6651.4 | 42.0 |
| 90°-120° | 4386.3 | 27.7 |
| 90°-150° | 7988.5 | 50.5 |
| 90°-180° | 9179.0 | 58.0 |
| 0°-180° | 15830.3 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 2563 | 2563 | 2563 | 2563 | 2563 | |
| 5° | 2575 | 2655 | 2575 | 2088 | 2575 | 244 |
| 15° | 2459 | 2631 | 2459 | 2197 | 2459 | 692 |
| 25° | 2166 | 2454 | 2166 | 2148 | 2166 | 994 |
| 35° | 1646 | 2190 | 1646 | 1870 | 1646 | 1019 |
| 45° | 1062 | 1804 | 1062 | 1584 | 1062 | 851 |
| 55° | 866 | 1331 | 866 | 1300 | 866 | 796 |
| 65° | 601 | 803 | 601 | 897 | 601 | 575 |
| 75° | 228 | 381 | 228 | 456 | 228 | 240 |
| 85° | 39 | 97 | 39 | 82 | 39 | 52 |
| 90° | 10 | 36 | 10 | 36 | 10 | 9 |
| 95° | 91 | 417 | 91 | 417 | 91 | 101 |
| 105° | 327 | 2841 | 327 | 2841 | 327 | 347 |
| 115° | 581 | 3659 | 581 | 3659 | 581 | 573 |
| 125° | 808 | 2914 | 808 | 2914 | 808 | 717 |
| 135° | 963 | 2261 | 963 | 2261 | 963 | 745 |
| 145° | 1117 | 1834 | 1117 | 1834 | 1117 | 700 |
| 155° | 1262 | 1579 | 1262 | 1579 | 1262 | 580 |
| 165° | 1362 | 1471 | 1362 | 1471 | 1362 | 384 |
| 175° | 1416 | 1426 | 1416 | 1426 | 1416 | 134 |
| 180° | 1416 | 1416 | 1416 | 1416 | 1416 | |



TEST NUMBER: P935668

CATALOG NUMBER: SQ4-FA-125U-100D-93050-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2563.2 | 2563.2 | 2563.2 | 2563.2 | 2563.2 | 2563.2 | 2563.2 | 2563.2 | 2563.2 | 2563.2 | 2563.2 |
| 2.5° | 2585.1 | 2585.1 | 2599.6 | 2604.4 | 2604.4 | 2597.2 | 2589.9 | 2597.2 | 2619.0 | 2626.3 | 2623.9 |
| 5° | 2575.3 | 2594.7 | 2621.4 | 2626.3 | 2631.1 | 2628.6 | 2623.9 | 2628.6 | 2653.0 | 2657.8 | 2660.2 |
| 7.5° | 2556.0 | 2592.3 | 2626.3 | 2633.5 | 2640.9 | 2633.5 | 2631.1 | 2636.0 | 2660.2 | 2665.1 | 2665.1 |
| 10° | 2531.6 | 2582.6 | 2621.4 | 2626.3 | 2633.5 | 2626.3 | 2626.3 | 2636.0 | 2660.2 | 2665.1 | 2667.5 |
| 12.5° | 2497.7 | 2568.1 | 2604.4 | 2609.3 | 2619.0 | 2616.5 | 2614.1 | 2623.9 | 2648.1 | 2653.0 | 2653.0 |
| 15° | 2459.0 | 2541.4 | 2575.3 | 2580.2 | 2597.2 | 2592.3 | 2592.3 | 2602.0 | 2628.6 | 2636.0 | 2633.5 |
| 17.5° | 2405.6 | 2507.4 | 2546.2 | 2553.5 | 2565.6 | 2563.2 | 2565.6 | 2575.3 | 2599.6 | 2604.4 | 2606.9 |
| 20° | 2345.0 | 2461.3 | 2507.4 | 2514.7 | 2526.9 | 2526.9 | 2526.9 | 2539.0 | 2563.2 | 2572.9 | 2572.9 |
| 22.5° | 2262.5 | 2412.9 | 2461.3 | 2466.2 | 2480.7 | 2480.7 | 2485.6 | 2502.6 | 2524.4 | 2526.9 | 2526.9 |
| 25° | 2165.5 | 2359.5 | 2400.7 | 2415.3 | 2429.9 | 2437.1 | 2444.4 | 2454.1 | 2461.3 | 2459.0 | 2461.3 |
| 27.5° | 2063.6 | 2291.6 | 2345.0 | 2354.6 | 2374.1 | 2381.3 | 2391.1 | 2393.4 | 2395.9 | 2403.2 | 2398.3 |
| 30° | 1949.6 | 2197.1 | 2277.1 | 2286.8 | 2318.3 | 2323.1 | 2313.4 | 2318.3 | 2330.4 | 2335.3 | 2340.1 |
| 32.5° | 1821.2 | 2056.4 | 2206.8 | 2228.5 | 2257.6 | 2243.1 | 2240.6 | 2248.0 | 2267.3 | 2267.3 | 2272.2 |
| 35° | 1646.5 | 1947.3 | 2141.3 | 2160.6 | 2182.5 | 2165.5 | 2175.2 | 2177.6 | 2189.8 | 2197.1 | 2194.6 |
| 37.5° | 1455.0 | 1852.6 | 2073.3 | 2087.9 | 2104.9 | 2083.1 | 2097.6 | 2104.9 | 2114.6 | 2109.8 | 2109.8 |
| 40° | 1285.2 | 1704.8 | 1993.3 | 2003.1 | 2017.6 | 2000.6 | 2015.2 | 2020.0 | 2024.9 | 2020.0 | 2017.6 |
| 42.5° | 1159.1 | 1542.3 | 1908.4 | 1920.6 | 1910.9 | 1923.0 | 1927.9 | 1937.5 | 1930.3 | 1920.6 | 1920.6 |
| 45° | 1062.1 | 1498.6 | 1816.3 | 1830.9 | 1816.3 | 1835.8 | 1843.0 | 1843.0 | 1821.2 | 1816.3 | 1813.9 |
| 47.5° | 1030.7 | 1411.3 | 1724.2 | 1724.2 | 1716.9 | 1741.1 | 1753.3 | 1736.3 | 1714.4 | 1707.2 | 1707.2 |
| 50° | 1028.2 | 1314.3 | 1598.1 | 1588.3 | 1622.3 | 1651.4 | 1639.3 | 1622.3 | 1605.3 | 1578.6 | 1578.6 |
| 52.5° | 933.7 | 1195.5 | 1435.6 | 1472.0 | 1525.3 | 1542.3 | 1522.9 | 1505.9 | 1476.8 | 1464.7 | 1455.0 |
| 55° | 865.8 | 1071.9 | 1287.7 | 1360.4 | 1416.2 | 1438.0 | 1401.6 | 1384.7 | 1341.0 | 1333.8 | 1328.9 |
| 57.5° | 851.2 | 892.4 | 1151.9 | 1244.0 | 1311.9 | 1309.5 | 1287.7 | 1256.1 | 1219.8 | 1212.5 | 1210.1 |
| 60° | 780.9 | 645.0 | 1006.3 | 1115.5 | 1185.8 | 1178.5 | 1159.1 | 1130.0 | 1096.1 | 1091.2 | 1086.4 |
| 62.5° | 708.1 | 468.0 | 841.4 | 965.1 | 1064.5 | 1062.1 | 1045.2 | 1001.5 | 977.3 | 965.1 | 955.4 |
| 65° | 601.4 | 392.9 | 599.0 | 802.7 | 945.8 | 950.5 | 914.2 | 882.7 | 856.0 | 841.4 | 839.0 |
| 67.5° | 458.3 | 320.1 | 405.0 | 669.3 | 831.8 | 826.9 | 780.9 | 766.3 | 732.3 | 725.1 | 710.5 |
| 70° | 339.5 | 213.4 | 281.3 | 543.2 | 720.2 | 708.1 | 671.8 | 654.8 | 623.2 | 606.2 | 596.5 |
| 72.5° | 281.3 | 172.2 | 206.1 | 422.0 | 606.2 | 591.7 | 560.2 | 540.8 | 514.1 | 499.5 | 489.9 |
| 75° | 228.0 | 181.9 | 157.7 | 312.8 | 492.3 | 482.6 | 453.4 | 434.1 | 412.2 | 392.9 | 395.3 |
| 77.5° | 167.3 | 169.8 | 126.1 | 230.3 | 390.4 | 375.9 | 358.9 | 334.7 | 325.0 | 305.6 | 305.6 |
| 80° | 126.1 | 133.3 | 94.6 | 157.7 | 281.3 | 281.3 | 266.8 | 249.8 | 232.8 | 223.1 | 223.1 |
| 82.5° | 84.9 | 84.9 | 70.3 | 99.4 | 191.6 | 184.3 | 174.6 | 169.8 | 160.0 | 155.2 | 155.2 |
| 85° | 38.8 | 48.5 | 43.7 | 60.7 | 104.3 | 109.1 | 109.1 | 104.3 | 101.9 | 97.0 | 99.4 |
| 87.5° | 12.1 | 21.8 | 26.7 | 34.0 | 53.3 | 55.8 | 58.2 | 58.2 | 58.2 | 60.7 | 60.7 |
| 90° | 9.5 | 17.2 | 24.7 | 26.6 | 41.8 | 62.1 | 72.2 | 64.1 | 48.1 | 36.1 | 36.1 |
| 92.5° | 38.0 | 102.6 | 167.3 | 183.4 | 257.9 | 357.1 | 406.7 | 356.4 | 255.9 | 180.5 | 173.4 |
| 95° | 91.2 | 209.5 | 327.8 | 357.4 | 634.5 | 1004.1 | 1188.8 | 1060.9 | 804.9 | 612.9 | 591.2 |
| 97.5° | 157.8 | 262.1 | 366.4 | 392.5 | 854.6 | 1470.9 | 1779.0 | 1698.1 | 1536.3 | 1415.0 | 1373.6 |
| 100° | 209.1 | 303.7 | 398.3 | 422.0 | 934.8 | 1618.5 | 1960.5 | 1966.3 | 1978.2 | 1987.1 | 1937.8 |
| 102.5° | 252.7 | 341.0 | 429.3 | 451.4 | 971.6 | 1665.1 | 2011.8 | 2114.8 | 2320.9 | 2475.5 | 2433.3 |
| 105° | 326.9 | 401.7 | 476.4 | 495.1 | 998.7 | 1670.3 | 2006.1 | 2237.1 | 2699.1 | 3045.6 | 3023.0 |
| 107.5° | 403.0 | 472.6 | 542.3 | 559.7 | 1003.8 | 1596.0 | 1892.0 | 2214.3 | 2858.8 | 3342.2 | 3347.7 |
| 110° | 454.3 | 517.2 | 580.2 | 595.9 | 996.2 | 1530.1 | 1797.0 | 2157.3 | 2877.8 | 3418.1 | 3441.8 |



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CANDELA DISTRIBUTION (continued):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 504.6 | 564.6 | 624.6 | 639.5 | 996.5 | 1472.5 | 1710.5 | 2079.2 | 2816.6 | 3369.7 | 3406.0 |
| 115° | 580.6 | 636.0 | 691.2 | 705.1 | 1005.7 | 1406.6 | 1607.0 | 1962.1 | 2672.5 | 3205.3 | 3255.7 |
| 117.5° | 655.7 | 706.0 | 756.2 | 768.8 | 1024.4 | 1365.3 | 1535.7 | 1856.2 | 2497.3 | 2978.2 | 3034.1 |
| 120° | 699.4 | 746.7 | 794.0 | 805.8 | 1039.6 | 1351.3 | 1507.1 | 1800.1 | 2385.8 | 2825.2 | 2879.5 |
| 122.5° | 742.1 | 789.9 | 837.6 | 849.5 | 1061.4 | 1344.0 | 1485.3 | 1749.0 | 2276.6 | 2672.2 | 2725.7 |
| 125° | 807.8 | 851.3 | 894.8 | 905.6 | 1090.9 | 1338.0 | 1461.5 | 1685.6 | 2133.7 | 2469.8 | 2519.1 |
| 127.5° | 861.0 | 904.9 | 948.8 | 959.8 | 1120.4 | 1334.5 | 1441.6 | 1634.0 | 2018.7 | 2307.3 | 2348.8 |
| 130° | 889.4 | 936.8 | 984.0 | 995.9 | 1141.9 | 1336.6 | 1434.0 | 1605.2 | 1947.8 | 2204.7 | 2243.1 |
| 132.5° | 918.9 | 966.2 | 1013.5 | 1025.3 | 1159.3 | 1338.0 | 1427.3 | 1580.6 | 1887.2 | 2117.2 | 2151.6 |
| 135° | 962.7 | 1005.7 | 1048.8 | 1059.6 | 1178.3 | 1336.7 | 1415.9 | 1544.3 | 1801.1 | 1993.7 | 2023.3 |
| 137.5° | 1007.3 | 1049.9 | 1092.6 | 1103.3 | 1206.9 | 1345.0 | 1414.0 | 1522.5 | 1739.7 | 1902.5 | 1926.8 |
| 140° | 1044.3 | 1083.6 | 1122.9 | 1132.7 | 1224.3 | 1346.4 | 1407.4 | 1501.2 | 1688.7 | 1829.3 | 1852.0 |
| 142.5° | 1072.9 | 1109.2 | 1145.5 | 1154.6 | 1238.8 | 1351.2 | 1407.4 | 1489.7 | 1654.4 | 1777.9 | 1797.5 |
| 145° | 1116.6 | 1148.2 | 1180.0 | 1187.9 | 1257.9 | 1351.2 | 1397.8 | 1465.2 | 1600.0 | 1701.0 | 1715.8 |
| 147.5° | 1160.3 | 1191.2 | 1222.0 | 1229.7 | 1285.8 | 1360.5 | 1397.8 | 1450.9 | 1556.9 | 1636.4 | 1648.6 |
| 150° | 1188.8 | 1216.7 | 1244.6 | 1251.6 | 1300.3 | 1365.3 | 1397.8 | 1442.6 | 1532.2 | 1599.4 | 1609.3 |
| 152.5° | 1218.2 | 1239.3 | 1260.5 | 1265.8 | 1309.8 | 1368.5 | 1397.8 | 1436.1 | 1512.5 | 1569.9 | 1577.4 |
| 155° | 1262.0 | 1277.6 | 1293.2 | 1297.2 | 1330.7 | 1375.4 | 1397.8 | 1428.3 | 1489.1 | 1534.8 | 1539.7 |
| 157.5° | 1294.3 | 1309.5 | 1324.7 | 1328.5 | 1351.6 | 1382.4 | 1397.8 | 1421.5 | 1468.8 | 1504.3 | 1507.8 |
| 160° | 1316.2 | 1328.0 | 1339.8 | 1342.8 | 1361.1 | 1385.6 | 1397.8 | 1418.1 | 1458.7 | 1489.1 | 1491.1 |
| 162.5° | 1338.0 | 1346.8 | 1355.7 | 1357.9 | 1371.2 | 1388.9 | 1397.8 | 1414.9 | 1449.1 | 1474.8 | 1476.8 |
| 165° | 1361.8 | 1369.8 | 1377.8 | 1379.8 | 1385.8 | 1393.8 | 1397.8 | 1410.1 | 1434.6 | 1453.0 | 1455.0 |
| 167.5° | 1383.6 | 1387.4 | 1391.2 | 1392.1 | 1397.2 | 1404.0 | 1407.4 | 1415.4 | 1431.4 | 1443.4 | 1444.3 |
| 170° | 1397.8 | 1401.7 | 1405.5 | 1406.5 | 1406.7 | 1407.2 | 1407.4 | 1415.4 | 1431.4 | 1443.4 | 1443.4 |
| 172.5° | 1405.4 | 1406.3 | 1407.2 | 1407.4 | 1407.4 | 1407.4 | 1407.4 | 1413.7 | 1426.4 | 1435.9 | 1435.2 |
| 175° | 1415.9 | 1415.9 | 1415.9 | 1415.9 | 1413.1 | 1409.3 | 1407.4 | 1411.4 | 1419.4 | 1425.5 | 1425.5 |
| 177.5° | 1415.9 | 1415.9 | 1415.9 | 1415.9 | 1413.7 | 1410.8 | 1409.3 | 1412.4 | 1418.8 | 1423.5 | 1422.7 |
| 180° | 1415.9 | 1415.9 | 1415.9 | 1415.9 | 1415.9 | 1415.9 | 1415.9 | 1415.9 | 1415.9 | 1415.9 | 1415.9 |



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CATALOG NUMBER: SQ4-FA-125U-100D-93050-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

| | 80° | 90° | 100° | 110° | 112.5° | 120° | 130° | 135° | 140° | 150° | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2563.2 | 2563.2 | 2563.2 | 2563.2 | 2563.2 | 2563.2 | 2563.2 | 2563.2 | 2563.2 | 2563.2 | 2563.2 |
| 2.5° | 2628.6 | 2621.4 | 2628.6 | 2623.9 | 2626.3 | 2619.0 | 2597.2 | 2589.9 | 2597.2 | 2604.4 | 2604.4 |
| 5° | 2660.2 | 2655.4 | 2660.2 | 2660.2 | 2657.8 | 2653.0 | 2628.6 | 2623.9 | 2628.6 | 2631.1 | 2626.3 |
| 7.5° | 2669.9 | 2662.6 | 2669.9 | 2665.1 | 2665.1 | 2660.2 | 2636.0 | 2631.1 | 2633.5 | 2640.9 | 2633.5 |
| 10° | 2669.9 | 2662.6 | 2669.9 | 2667.5 | 2665.1 | 2660.2 | 2636.0 | 2626.3 | 2626.3 | 2633.5 | 2626.3 |
| 12.5° | 2657.8 | 2653.0 | 2657.8 | 2653.0 | 2653.0 | 2648.1 | 2623.9 | 2614.1 | 2616.5 | 2619.0 | 2609.3 |
| 15° | 2638.4 | 2631.1 | 2638.4 | 2633.5 | 2636.0 | 2628.6 | 2602.0 | 2592.3 | 2592.3 | 2597.2 | 2580.2 |
| 17.5° | 2609.3 | 2599.6 | 2609.3 | 2606.9 | 2604.4 | 2599.6 | 2575.3 | 2565.6 | 2563.2 | 2565.6 | 2553.5 |
| 20° | 2575.3 | 2568.1 | 2575.3 | 2572.9 | 2572.9 | 2563.2 | 2539.0 | 2526.9 | 2526.9 | 2526.9 | 2514.7 |
| 22.5° | 2522.0 | 2514.7 | 2522.0 | 2526.9 | 2526.9 | 2524.4 | 2502.6 | 2485.6 | 2480.7 | 2480.7 | 2466.2 |
| 25° | 2461.3 | 2454.1 | 2461.3 | 2461.3 | 2459.0 | 2461.3 | 2454.1 | 2444.4 | 2437.1 | 2429.9 | 2415.3 |
| 27.5° | 2403.2 | 2398.3 | 2403.2 | 2398.3 | 2403.2 | 2395.9 | 2393.4 | 2391.1 | 2381.3 | 2374.1 | 2354.6 |
| 30° | 2345.0 | 2340.1 | 2345.0 | 2340.1 | 2335.3 | 2330.4 | 2318.3 | 2313.4 | 2323.1 | 2318.3 | 2286.8 |
| 32.5° | 2272.2 | 2267.3 | 2272.2 | 2272.2 | 2267.3 | 2267.3 | 2248.0 | 2240.6 | 2243.1 | 2257.6 | 2228.5 |
| 35° | 2197.1 | 2189.8 | 2197.1 | 2194.6 | 2197.1 | 2189.8 | 2177.6 | 2175.2 | 2165.5 | 2182.5 | 2160.6 |
| 37.5° | 2109.8 | 2102.4 | 2109.8 | 2109.8 | 2109.8 | 2114.6 | 2104.9 | 2097.6 | 2083.1 | 2104.9 | 2087.9 |
| 40° | 2020.0 | 2010.3 | 2020.0 | 2017.6 | 2020.0 | 2024.9 | 2020.0 | 2015.2 | 2000.6 | 2017.6 | 2003.1 |
| 42.5° | 1918.2 | 1915.8 | 1918.2 | 1920.6 | 1920.6 | 1930.3 | 1937.5 | 1927.9 | 1923.0 | 1910.9 | 1920.6 |
| 45° | 1809.1 | 1804.2 | 1809.1 | 1813.9 | 1816.3 | 1821.2 | 1843.0 | 1843.0 | 1835.8 | 1816.3 | 1830.9 |
| 47.5° | 1692.6 | 1680.5 | 1692.6 | 1707.2 | 1707.2 | 1714.4 | 1736.3 | 1753.3 | 1741.1 | 1716.9 | 1724.2 |
| 50° | 1569.0 | 1571.4 | 1569.0 | 1578.6 | 1578.6 | 1605.3 | 1622.3 | 1639.3 | 1651.4 | 1622.3 | 1588.3 |
| 52.5° | 1447.8 | 1445.3 | 1447.8 | 1455.0 | 1464.7 | 1476.8 | 1505.9 | 1522.9 | 1542.3 | 1525.3 | 1472.0 |
| 55° | 1326.4 | 1331.3 | 1326.4 | 1328.9 | 1333.8 | 1341.0 | 1384.7 | 1401.6 | 1438.0 | 1416.2 | 1360.4 |
| 57.5° | 1205.2 | 1198.0 | 1205.2 | 1210.1 | 1212.5 | 1219.8 | 1256.1 | 1287.7 | 1309.5 | 1311.9 | 1244.0 |
| 60° | 1064.5 | 1054.9 | 1064.5 | 1086.4 | 1091.2 | 1096.1 | 1130.0 | 1159.1 | 1178.5 | 1185.8 | 1115.5 |
| 62.5° | 940.9 | 923.9 | 940.9 | 955.4 | 965.1 | 977.3 | 1001.5 | 1045.2 | 1062.1 | 1064.5 | 965.1 |
| 65° | 810.0 | 802.7 | 810.0 | 839.0 | 841.4 | 856.0 | 882.7 | 914.2 | 950.5 | 945.8 | 802.7 |
| 67.5° | 691.1 | 691.1 | 691.1 | 710.5 | 725.1 | 732.3 | 766.3 | 780.9 | 826.9 | 831.8 | 669.3 |
| 70° | 582.0 | 579.6 | 582.0 | 596.5 | 606.2 | 623.2 | 654.8 | 671.8 | 708.1 | 720.2 | 543.2 |
| 72.5° | 477.8 | 475.3 | 477.8 | 489.9 | 499.5 | 514.1 | 540.8 | 560.2 | 591.7 | 606.2 | 422.0 |
| 75° | 385.6 | 380.8 | 385.6 | 395.3 | 392.9 | 412.2 | 434.1 | 453.4 | 482.6 | 492.3 | 312.8 |
| 77.5° | 295.9 | 295.9 | 295.9 | 305.6 | 305.6 | 325.0 | 334.7 | 358.9 | 375.9 | 390.4 | 230.3 |
| 80° | 220.7 | 218.2 | 220.7 | 223.1 | 223.1 | 232.8 | 249.8 | 266.8 | 281.3 | 281.3 | 157.7 |
| 82.5° | 155.2 | 150.3 | 155.2 | 155.2 | 155.2 | 160.0 | 169.8 | 174.6 | 184.3 | 191.6 | 99.4 |
| 85° | 97.0 | 97.0 | 97.0 | 99.4 | 97.0 | 101.9 | 104.3 | 109.1 | 109.1 | 104.3 | 60.7 |
| 87.5° | 63.0 | 60.7 | 63.0 | 60.7 | 60.7 | 58.2 | 58.2 | 58.2 | 55.8 | 53.3 | 34.0 |
| 90° | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 | 48.1 | 64.1 | 72.2 | 62.1 | 41.8 | 26.6 |
| 92.5° | 144.6 | 115.9 | 144.6 | 173.4 | 180.5 | 255.9 | 356.4 | 406.7 | 357.1 | 257.9 | 183.4 |
| 95° | 504.2 | 417.2 | 504.2 | 591.2 | 612.9 | 804.9 | 1060.9 | 1188.8 | 1004.1 | 634.5 | 357.4 |
| 97.5° | 1208.1 | 1042.5 | 1208.1 | 1373.6 | 1415.0 | 1536.3 | 1698.1 | 1779.0 | 1470.9 | 854.6 | 392.5 |
| 100° | 1740.5 | 1543.3 | 1740.5 | 1937.8 | 1987.1 | 1978.2 | 1966.3 | 1960.5 | 1618.5 | 934.8 | 422.0 |
| 102.5° | 2264.3 | 2095.4 | 2264.3 | 2433.3 | 2475.5 | 2320.9 | 2114.8 | 2011.8 | 1665.1 | 971.6 | 451.4 |
| 105° | 2932.1 | 2841.4 | 2932.1 | 3023.0 | 3045.6 | 2699.1 | 2237.1 | 2006.1 | 1670.3 | 998.7 | 495.1 |
| 107.5° | 3369.6 | 3391.5 | 3369.6 | 3347.7 | 3342.2 | 2858.8 | 2214.3 | 1892.0 | 1596.0 | 1003.8 | 559.7 |
| 110° | 3536.4 | 3631.0 | 3536.4 | 3441.8 | 3418.1 | 2877.8 | 2157.3 | 1797.0 | 1530.1 | 996.2 | 595.9 |



TEST NUMBER: P935668

CATALOG NUMBER: SQ4-FA-125U-100D-93050-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

| | 80° | 90° | 100° | 110° | 112.5° | 120° | 130° | 135° | 140° | 150° | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 3551.3 | 3696.6 | 3551.3 | 3406.0 | 3369.7 | 2816.6 | 2079.2 | 1710.5 | 1472.5 | 996.5 | 639.5 |
| 115° | 3457.1 | 3658.6 | 3457.1 | 3255.7 | 3205.3 | 2672.5 | 1962.1 | 1607.0 | 1406.6 | 1005.7 | 705.1 |
| 117.5° | 3257.5 | 3480.9 | 3257.5 | 3034.1 | 2978.2 | 2497.3 | 1856.2 | 1535.7 | 1365.3 | 1024.4 | 768.8 |
| 120° | 3096.6 | 3313.6 | 3096.6 | 2879.5 | 2825.2 | 2385.8 | 1800.1 | 1507.1 | 1351.3 | 1039.6 | 805.8 |
| 122.5° | 2939.9 | 3154.0 | 2939.9 | 2725.7 | 2672.2 | 2276.6 | 1749.0 | 1485.3 | 1344.0 | 1061.4 | 849.5 |
| 125° | 2716.4 | 2913.6 | 2716.4 | 2519.1 | 2469.8 | 2133.7 | 1685.6 | 1461.5 | 1338.0 | 1090.9 | 905.6 |
| 127.5° | 2515.3 | 2681.7 | 2515.3 | 2348.8 | 2307.3 | 2018.7 | 1634.0 | 1441.6 | 1334.5 | 1120.4 | 959.8 |
| 130° | 2396.8 | 2550.5 | 2396.8 | 2243.1 | 2204.7 | 1947.8 | 1605.2 | 1434.0 | 1336.6 | 1141.9 | 995.9 |
| 132.5° | 2289.4 | 2427.0 | 2289.4 | 2151.6 | 2117.2 | 1887.2 | 1580.6 | 1427.3 | 1338.0 | 1159.3 | 1025.3 |
| 135° | 2142.1 | 2260.7 | 2142.1 | 2023.3 | 1993.7 | 1801.1 | 1544.3 | 1415.9 | 1336.7 | 1178.3 | 1059.6 |
| 137.5° | 2023.9 | 2121.1 | 2023.9 | 1926.8 | 1902.5 | 1739.7 | 1522.5 | 1414.0 | 1345.0 | 1206.9 | 1103.3 |
| 140° | 1942.9 | 2033.6 | 1942.9 | 1852.0 | 1829.3 | 1688.7 | 1501.2 | 1407.4 | 1346.4 | 1224.3 | 1132.7 |
| 142.5° | 1875.6 | 1953.8 | 1875.6 | 1797.5 | 1777.9 | 1654.4 | 1489.7 | 1407.4 | 1351.2 | 1238.8 | 1154.6 |
| 145° | 1774.9 | 1834.0 | 1774.9 | 1715.8 | 1701.0 | 1600.0 | 1465.2 | 1397.8 | 1351.2 | 1257.9 | 1187.9 |
| 147.5° | 1697.6 | 1746.6 | 1697.6 | 1648.6 | 1636.4 | 1556.9 | 1450.9 | 1397.8 | 1360.5 | 1285.8 | 1229.7 |
| 150° | 1649.0 | 1688.7 | 1649.0 | 1609.3 | 1599.4 | 1532.2 | 1442.6 | 1397.8 | 1365.3 | 1300.3 | 1251.6 |
| 152.5° | 1607.3 | 1637.4 | 1607.3 | 1577.4 | 1569.9 | 1512.5 | 1436.1 | 1397.8 | 1368.5 | 1309.8 | 1265.8 |
| 155° | 1559.5 | 1579.4 | 1559.5 | 1539.7 | 1534.8 | 1489.1 | 1428.3 | 1397.8 | 1375.4 | 1330.7 | 1297.2 |
| 157.5° | 1521.7 | 1535.7 | 1521.7 | 1507.8 | 1504.3 | 1468.8 | 1421.5 | 1397.8 | 1382.4 | 1351.6 | 1328.5 |
| 160° | 1499.1 | 1507.1 | 1499.1 | 1491.1 | 1489.1 | 1458.7 | 1418.1 | 1397.8 | 1385.6 | 1361.1 | 1342.8 |
| 162.5° | 1484.4 | 1492.0 | 1484.4 | 1476.8 | 1474.8 | 1449.1 | 1414.9 | 1397.8 | 1388.9 | 1371.2 | 1357.9 |
| 165° | 1463.0 | 1471.1 | 1463.0 | 1455.0 | 1453.0 | 1434.6 | 1410.1 | 1397.8 | 1393.8 | 1385.8 | 1379.8 |
| 167.5° | 1447.7 | 1451.1 | 1447.7 | 1444.3 | 1443.4 | 1431.4 | 1415.4 | 1407.4 | 1404.0 | 1397.2 | 1392.1 |
| 170° | 1443.4 | 1443.4 | 1443.4 | 1443.4 | 1443.4 | 1431.4 | 1415.4 | 1407.4 | 1407.2 | 1406.7 | 1406.5 |
| 172.5° | 1432.2 | 1429.2 | 1432.2 | 1435.2 | 1435.9 | 1426.4 | 1413.7 | 1407.4 | 1407.4 | 1407.4 | 1407.4 |
| 175° | 1425.5 | 1425.5 | 1425.5 | 1425.5 | 1425.5 | 1419.4 | 1411.4 | 1407.4 | 1409.3 | 1413.1 | 1415.9 |
| 177.5° | 1419.3 | 1415.9 | 1419.3 | 1422.7 | 1423.5 | 1418.8 | 1412.4 | 1409.3 | 1410.8 | 1413.7 | 1415.9 |
| 180° | 1415.9 | 1415.9 | 1415.9 | 1415.9 | 1415.9 | 1415.9 | 1415.9 | 1415.9 | 1415.9 | 1415.9 | 1415.9 |



TEST NUMBER: P935668

CATALOG NUMBER: SQ4-FA-125U-100D-93050-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

| | 160° | 170° | 180° | 190° | 200° | 202.5° | 210° | 220° | 225° | 230° | 240° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2563.2 | 2563.2 | 2563.2 | 2563.2 | 2563.2 | 2563.2 | 2563.2 | 2563.2 | 2563.2 | 2563.2 | 2563.2 |
| 2.5° | 2599.6 | 2585.1 | 2585.1 | 2560.8 | 2551.1 | 2543.9 | 2531.6 | 2495.3 | 2485.6 | 2475.9 | 2490.4 |
| 5° | 2621.4 | 2594.7 | 2575.3 | 2531.6 | 2495.3 | 2480.7 | 2434.6 | 2347.4 | 2289.2 | 2245.5 | 2221.3 |
| 7.5° | 2626.3 | 2592.3 | 2556.0 | 2488.1 | 2400.7 | 2362.0 | 2221.3 | 2061.2 | 2017.6 | 1978.8 | 1954.5 |
| 10° | 2621.4 | 2582.6 | 2531.6 | 2429.9 | 2223.7 | 2155.8 | 2015.2 | 1910.9 | 1884.2 | 1877.0 | 1884.2 |
| 12.5° | 2604.4 | 2568.1 | 2497.7 | 2328.0 | 2039.4 | 1993.3 | 1910.9 | 1850.3 | 1845.4 | 1857.5 | 1923.0 |
| 15° | 2575.3 | 2541.4 | 2459.0 | 2192.2 | 1937.5 | 1903.6 | 1845.4 | 1823.6 | 1850.3 | 1935.1 | 2131.5 |
| 17.5° | 2546.2 | 2507.4 | 2405.6 | 2058.8 | 1860.0 | 1835.8 | 1794.5 | 1838.1 | 1988.5 | 2102.4 | 2168.0 |
| 20° | 2507.4 | 2461.3 | 2345.0 | 1961.8 | 1804.2 | 1782.3 | 1763.0 | 1959.4 | 2073.3 | 2114.6 | 2151.0 |
| 22.5° | 2461.3 | 2412.9 | 2262.5 | 1893.9 | 1746.0 | 1729.0 | 1741.1 | 2027.3 | 2073.3 | 2102.4 | 2134.0 |
| 25° | 2400.7 | 2359.5 | 2165.5 | 1840.5 | 1699.9 | 1680.5 | 1726.6 | 2020.0 | 2046.6 | 2054.0 | 2117.0 |
| 27.5° | 2345.0 | 2291.6 | 2063.6 | 1792.1 | 1644.1 | 1636.9 | 1738.8 | 1988.5 | 2007.9 | 2015.2 | 2083.1 |
| 30° | 2277.1 | 2197.1 | 1949.6 | 1741.1 | 1586.0 | 1583.5 | 1741.1 | 1949.6 | 1944.9 | 1964.2 | 2032.1 |
| 32.5° | 2206.8 | 2056.4 | 1821.2 | 1678.1 | 1530.2 | 1527.8 | 1724.2 | 1891.5 | 1886.6 | 1913.3 | 1964.2 |
| 35° | 2141.3 | 1947.3 | 1646.5 | 1605.3 | 1459.9 | 1462.3 | 1683.0 | 1823.6 | 1826.0 | 1850.3 | 1881.8 |
| 37.5° | 2073.3 | 1852.6 | 1455.0 | 1525.3 | 1392.0 | 1392.0 | 1627.2 | 1760.5 | 1755.7 | 1763.0 | 1806.6 |
| 40° | 1993.3 | 1704.8 | 1285.2 | 1421.1 | 1328.9 | 1321.6 | 1559.3 | 1692.6 | 1675.6 | 1673.2 | 1733.9 |
| 42.5° | 1908.4 | 1542.3 | 1159.1 | 1282.8 | 1256.1 | 1246.4 | 1476.8 | 1610.2 | 1578.6 | 1586.0 | 1663.5 |
| 45° | 1816.3 | 1498.6 | 1062.1 | 1084.0 | 1181.0 | 1173.7 | 1387.1 | 1515.6 | 1493.8 | 1513.2 | 1593.2 |
| 47.5° | 1724.2 | 1411.3 | 1030.7 | 899.7 | 1101.0 | 1098.5 | 1287.7 | 1423.4 | 1411.3 | 1430.8 | 1515.6 |
| 50° | 1598.1 | 1314.3 | 1028.2 | 771.1 | 1011.2 | 1020.9 | 1168.9 | 1333.8 | 1333.8 | 1350.8 | 1440.4 |
| 52.5° | 1435.6 | 1195.5 | 933.7 | 698.4 | 907.0 | 936.0 | 1064.5 | 1256.1 | 1261.0 | 1278.0 | 1358.0 |
| 55° | 1287.7 | 1071.9 | 865.8 | 642.7 | 783.3 | 846.3 | 962.8 | 1176.1 | 1185.8 | 1202.8 | 1275.5 |
| 57.5° | 1151.9 | 892.4 | 851.2 | 577.1 | 669.3 | 729.9 | 873.0 | 1098.5 | 1103.3 | 1117.9 | 1188.2 |
| 60° | 1006.3 | 645.0 | 780.9 | 506.8 | 569.9 | 616.0 | 790.5 | 1006.3 | 1023.3 | 1033.0 | 1093.7 |
| 62.5° | 841.4 | 468.0 | 708.1 | 458.3 | 521.3 | 531.1 | 722.7 | 919.1 | 940.9 | 948.2 | 984.5 |
| 65° | 599.0 | 392.9 | 601.4 | 417.1 | 470.4 | 472.9 | 649.9 | 829.3 | 848.8 | 860.9 | 887.5 |
| 67.5° | 405.0 | 320.1 | 458.3 | 378.3 | 431.7 | 434.1 | 579.6 | 725.1 | 751.8 | 761.4 | 778.4 |
| 70° | 281.3 | 213.4 | 339.5 | 337.1 | 388.0 | 392.9 | 504.4 | 630.5 | 654.8 | 662.0 | 671.8 |
| 72.5° | 206.1 | 172.2 | 281.3 | 303.1 | 341.9 | 346.8 | 426.8 | 523.8 | 548.0 | 555.3 | 560.2 |
| 75° | 157.7 | 181.9 | 228.0 | 264.3 | 291.0 | 293.4 | 349.2 | 426.8 | 443.8 | 448.7 | 451.0 |
| 77.5° | 126.1 | 169.8 | 167.3 | 213.4 | 237.7 | 232.8 | 274.0 | 329.8 | 344.3 | 344.3 | 344.3 |
| 80° | 94.6 | 133.3 | 126.1 | 152.8 | 174.6 | 169.8 | 196.4 | 235.2 | 240.1 | 244.9 | 242.5 |
| 82.5° | 70.3 | 84.9 | 84.9 | 97.0 | 116.4 | 111.6 | 131.0 | 152.8 | 152.8 | 152.8 | 157.7 |
| 85° | 43.7 | 48.5 | 38.8 | 50.9 | 65.4 | 63.0 | 72.8 | 82.4 | 84.9 | 84.9 | 80.0 |
| 87.5° | 26.7 | 21.8 | 12.1 | 19.4 | 29.1 | 29.1 | 34.0 | 36.3 | 34.0 | 34.0 | 34.0 |
| 90° | 24.7 | 17.2 | 9.5 | 17.2 | 24.7 | 26.6 | 41.8 | 62.1 | 72.2 | 64.1 | 48.1 |
| 92.5° | 167.3 | 102.6 | 38.0 | 102.6 | 167.3 | 183.4 | 257.9 | 357.1 | 406.7 | 356.4 | 255.9 |
| 95° | 327.8 | 209.5 | 91.2 | 209.5 | 327.8 | 357.4 | 634.5 | 1004.1 | 1188.8 | 1060.9 | 804.9 |
| 97.5° | 366.4 | 262.1 | 157.8 | 262.1 | 366.4 | 392.5 | 854.6 | 1470.9 | 1779.0 | 1698.1 | 1536.3 |
| 100° | 398.3 | 303.7 | 209.1 | 303.7 | 398.3 | 422.0 | 934.8 | 1618.5 | 1960.5 | 1966.3 | 1978.2 |
| 102.5° | 429.3 | 341.0 | 252.7 | 341.0 | 429.3 | 451.4 | 971.6 | 1665.1 | 2011.8 | 2114.8 | 2320.9 |
| 105° | 476.4 | 401.7 | 326.9 | 401.7 | 476.4 | 495.1 | 998.7 | 1670.3 | 2006.1 | 2237.1 | 2699.1 |
| 107.5° | 542.3 | 472.6 | 403.0 | 472.6 | 542.3 | 559.7 | 1003.8 | 1596.0 | 1892.0 | 2214.3 | 2858.8 |
| 110° | 580.2 | 517.2 | 454.3 | 517.2 | 580.2 | 595.9 | 996.2 | 1530.1 | 1797.0 | 2157.3 | 2877.8 |



TEST NUMBER: P935668

CATALOG NUMBER: SQ4-FA-125U-100D-93050-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

| | 160° | 170° | 180° | 190° | 200° | 202.5° | 210° | 220° | 225° | 230° | 240° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 624.6 | 564.6 | 504.6 | 564.6 | 624.6 | 639.5 | 996.5 | 1472.5 | 1710.5 | 2079.2 | 2816.6 |
| 115° | 691.2 | 636.0 | 580.6 | 636.0 | 691.2 | 705.1 | 1005.7 | 1406.6 | 1607.0 | 1962.1 | 2672.5 |
| 117.5° | 756.2 | 706.0 | 655.7 | 706.0 | 756.2 | 768.8 | 1024.4 | 1365.3 | 1535.7 | 1856.2 | 2497.3 |
| 120° | 794.0 | 746.7 | 699.4 | 746.7 | 794.0 | 805.8 | 1039.6 | 1351.3 | 1507.1 | 1800.1 | 2385.8 |
| 122.5° | 837.6 | 789.9 | 742.1 | 789.9 | 837.6 | 849.5 | 1061.4 | 1344.0 | 1485.3 | 1749.0 | 2276.6 |
| 125° | 894.8 | 851.3 | 807.8 | 851.3 | 894.8 | 905.6 | 1090.9 | 1338.0 | 1461.5 | 1685.6 | 2133.7 |
| 127.5° | 948.8 | 904.9 | 861.0 | 904.9 | 948.8 | 959.8 | 1120.4 | 1334.5 | 1441.6 | 1634.0 | 2018.7 |
| 130° | 984.0 | 936.8 | 889.4 | 936.8 | 984.0 | 995.9 | 1141.9 | 1336.6 | 1434.0 | 1605.2 | 1947.8 |
| 132.5° | 1013.5 | 966.2 | 918.9 | 966.2 | 1013.5 | 1025.3 | 1159.3 | 1338.0 | 1427.3 | 1580.6 | 1887.2 |
| 135° | 1048.8 | 1005.7 | 962.7 | 1005.7 | 1048.8 | 1059.6 | 1178.3 | 1336.7 | 1415.9 | 1544.3 | 1801.1 |
| 137.5° | 1092.6 | 1049.9 | 1007.3 | 1049.9 | 1092.6 | 1103.3 | 1206.9 | 1345.0 | 1414.0 | 1522.5 | 1739.7 |
| 140° | 1122.9 | 1083.6 | 1044.3 | 1083.6 | 1122.9 | 1132.7 | 1224.3 | 1346.4 | 1407.4 | 1501.2 | 1688.7 |
| 142.5° | 1145.5 | 1109.2 | 1072.9 | 1109.2 | 1145.5 | 1154.6 | 1238.8 | 1351.2 | 1407.4 | 1489.7 | 1654.4 |
| 145° | 1180.0 | 1148.2 | 1116.6 | 1148.2 | 1180.0 | 1187.9 | 1257.9 | 1351.2 | 1397.8 | 1465.2 | 1600.0 |
| 147.5° | 1222.0 | 1191.2 | 1160.3 | 1191.2 | 1222.0 | 1229.7 | 1285.8 | 1360.5 | 1397.8 | 1450.9 | 1556.9 |
| 150° | 1244.6 | 1216.7 | 1188.8 | 1216.7 | 1244.6 | 1251.6 | 1300.3 | 1365.3 | 1397.8 | 1442.6 | 1532.2 |
| 152.5° | 1260.5 | 1239.3 | 1218.2 | 1239.3 | 1260.5 | 1265.8 | 1309.8 | 1368.5 | 1397.8 | 1436.1 | 1512.5 |
| 155° | 1293.2 | 1277.6 | 1262.0 | 1277.6 | 1293.2 | 1297.2 | 1330.7 | 1375.4 | 1397.8 | 1428.3 | 1489.1 |
| 157.5° | 1324.7 | 1309.5 | 1294.3 | 1309.5 | 1324.7 | 1328.5 | 1351.6 | 1382.4 | 1397.8 | 1421.5 | 1468.8 |
| 160° | 1339.8 | 1328.0 | 1316.2 | 1328.0 | 1339.8 | 1342.8 | 1361.1 | 1385.6 | 1397.8 | 1418.1 | 1458.7 |
| 162.5° | 1355.7 | 1346.8 | 1338.0 | 1346.8 | 1355.7 | 1357.9 | 1371.2 | 1388.9 | 1397.8 | 1414.9 | 1449.1 |
| 165° | 1377.8 | 1369.8 | 1361.8 | 1369.8 | 1377.8 | 1379.8 | 1385.8 | 1393.8 | 1397.8 | 1410.1 | 1434.6 |
| 167.5° | 1391.2 | 1387.4 | 1383.6 | 1387.4 | 1391.2 | 1392.1 | 1397.2 | 1404.0 | 1407.4 | 1415.4 | 1431.4 |
| 170° | 1405.5 | 1401.7 | 1397.8 | 1401.7 | 1405.5 | 1406.5 | 1406.7 | 1407.2 | 1407.4 | 1415.4 | 1431.4 |
| 172.5° | 1407.2 | 1406.3 | 1405.4 | 1406.3 | 1407.2 | 1407.4 | 1407.4 | 1407.4 | 1407.4 | 1413.7 | 1426.4 |
| 175° | 1415.9 | 1415.9 | 1415.9 | 1415.9 | 1415.9 | 1415.9 | 1413.1 | 1409.3 | 1407.4 | 1411.4 | 1419.4 |
| 177.5° | 1415.9 | 1415.9 | 1415.9 | 1415.9 | 1415.9 | 1415.9 | 1413.7 | 1410.8 | 1409.3 | 1412.4 | 1418.8 |
| 180° | 1415.9 | 1415.9 | 1415.9 | 1415.9 | 1415.9 | 1415.9 | 1415.9 | 1415.9 | 1415.9 | 1415.9 | 1415.9 |



TEST NUMBER: P935668

CATALOG NUMBER: SQ4-FA-125U-100D-93050-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 260° | 270° | 280° | 290° | 292.5° | 300° | 310° | 315° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2563.2 | 2563.2 | 2563.2 | 2563.2 | 2563.2 | 2563.2 | 2563.2 | 2563.2 | 2563.2 | 2563.2 | 2563.2 |
| 2.5° | 2473.5 | 2466.2 | 2475.9 | 2449.2 | 2475.9 | 2466.2 | 2473.5 | 2490.4 | 2475.9 | 2485.6 | 2495.3 |
| 5° | 2170.3 | 2158.2 | 2119.4 | 2087.9 | 2119.4 | 2158.2 | 2170.3 | 2221.3 | 2245.5 | 2289.2 | 2347.4 |
| 7.5° | 1940.0 | 1930.3 | 1920.6 | 1901.2 | 1920.6 | 1930.3 | 1940.0 | 1954.5 | 1978.8 | 2017.6 | 2061.2 |
| 10° | 1889.1 | 1891.5 | 1906.1 | 1903.6 | 1906.1 | 1891.5 | 1889.1 | 1884.2 | 1877.0 | 1884.2 | 1910.9 |
| 12.5° | 2020.0 | 2041.9 | 2121.9 | 2117.0 | 2121.9 | 2041.9 | 2020.0 | 1923.0 | 1857.5 | 1845.4 | 1850.3 |
| 15° | 2170.3 | 2177.6 | 2194.6 | 2197.1 | 2194.6 | 2177.6 | 2170.3 | 2131.5 | 1935.1 | 1850.3 | 1823.6 |
| 17.5° | 2184.9 | 2187.3 | 2199.4 | 2199.4 | 2199.4 | 2187.3 | 2184.9 | 2168.0 | 2102.4 | 1988.5 | 1838.1 |
| 20° | 2172.8 | 2177.6 | 2201.9 | 2206.8 | 2201.9 | 2177.6 | 2172.8 | 2151.0 | 2114.6 | 2073.3 | 1959.4 |
| 22.5° | 2168.0 | 2177.6 | 2197.1 | 2194.6 | 2197.1 | 2177.6 | 2168.0 | 2134.0 | 2102.4 | 2073.3 | 2027.3 |
| 25° | 2143.6 | 2143.6 | 2146.1 | 2148.5 | 2146.1 | 2143.6 | 2143.6 | 2117.0 | 2054.0 | 2046.6 | 2020.0 |
| 27.5° | 2092.8 | 2097.6 | 2112.2 | 2109.8 | 2112.2 | 2097.6 | 2092.8 | 2083.1 | 2015.2 | 2007.9 | 1988.5 |
| 30° | 2046.6 | 2041.9 | 2029.7 | 2020.0 | 2029.7 | 2041.9 | 2046.6 | 2032.1 | 1964.2 | 1944.9 | 1949.6 |
| 32.5° | 1969.1 | 1957.0 | 1944.9 | 1937.5 | 1944.9 | 1957.0 | 1969.1 | 1964.2 | 1913.3 | 1886.6 | 1891.5 |
| 35° | 1877.0 | 1879.3 | 1877.0 | 1869.6 | 1877.0 | 1879.3 | 1877.0 | 1881.8 | 1850.3 | 1826.0 | 1823.6 |
| 37.5° | 1811.4 | 1816.3 | 1813.9 | 1804.2 | 1813.9 | 1816.3 | 1811.4 | 1806.6 | 1763.0 | 1755.7 | 1760.5 |
| 40° | 1743.5 | 1746.0 | 1743.5 | 1736.3 | 1743.5 | 1746.0 | 1743.5 | 1733.9 | 1673.2 | 1675.6 | 1692.6 |
| 42.5° | 1678.1 | 1675.6 | 1668.4 | 1663.5 | 1668.4 | 1675.6 | 1678.1 | 1663.5 | 1586.0 | 1578.6 | 1610.2 |
| 45° | 1602.9 | 1605.3 | 1590.8 | 1583.5 | 1590.8 | 1605.3 | 1602.9 | 1593.2 | 1513.2 | 1493.8 | 1515.6 |
| 47.5° | 1527.8 | 1527.8 | 1515.6 | 1508.3 | 1515.6 | 1527.8 | 1527.8 | 1515.6 | 1430.8 | 1411.3 | 1423.4 |
| 50° | 1447.8 | 1445.3 | 1428.3 | 1425.9 | 1428.3 | 1445.3 | 1447.8 | 1440.4 | 1350.8 | 1333.8 | 1333.8 |
| 52.5° | 1355.5 | 1355.5 | 1358.0 | 1362.9 | 1358.0 | 1355.5 | 1355.5 | 1358.0 | 1278.0 | 1261.0 | 1256.1 |
| 55° | 1275.5 | 1278.0 | 1295.0 | 1299.8 | 1295.0 | 1278.0 | 1275.5 | 1275.5 | 1202.8 | 1185.8 | 1176.1 |
| 57.5° | 1193.1 | 1193.1 | 1205.2 | 1205.2 | 1205.2 | 1193.1 | 1193.1 | 1188.2 | 1117.9 | 1103.3 | 1098.5 |
| 60° | 1098.5 | 1103.3 | 1113.1 | 1110.7 | 1113.1 | 1103.3 | 1098.5 | 1093.7 | 1033.0 | 1023.3 | 1006.3 |
| 62.5° | 999.1 | 1004.0 | 1006.3 | 1001.5 | 1006.3 | 1004.0 | 999.1 | 984.5 | 948.2 | 940.9 | 919.1 |
| 65° | 894.8 | 899.7 | 902.1 | 897.2 | 902.1 | 899.7 | 894.8 | 887.5 | 860.9 | 848.8 | 829.3 |
| 67.5° | 788.1 | 785.7 | 783.3 | 793.0 | 783.3 | 785.7 | 788.1 | 778.4 | 761.4 | 751.8 | 725.1 |
| 70° | 679.0 | 679.0 | 676.5 | 681.4 | 676.5 | 679.0 | 679.0 | 671.8 | 662.0 | 654.8 | 630.5 |
| 72.5° | 562.6 | 560.2 | 569.9 | 562.6 | 569.9 | 560.2 | 562.6 | 560.2 | 555.3 | 548.0 | 523.8 |
| 75° | 448.7 | 453.4 | 448.7 | 455.9 | 448.7 | 453.4 | 448.7 | 451.0 | 448.7 | 443.8 | 426.8 |
| 77.5° | 341.9 | 346.8 | 341.9 | 341.9 | 341.9 | 346.8 | 341.9 | 344.3 | 344.3 | 344.3 | 329.8 |
| 80° | 242.5 | 240.1 | 240.1 | 237.7 | 240.1 | 240.1 | 242.5 | 242.5 | 244.9 | 240.1 | 235.2 |
| 82.5° | 155.2 | 152.8 | 152.8 | 157.7 | 152.8 | 152.8 | 155.2 | 157.7 | 152.8 | 152.8 | 152.8 |
| 85° | 84.9 | 87.3 | 82.4 | 82.4 | 82.4 | 87.3 | 84.9 | 80.0 | 84.9 | 84.9 | 82.4 |
| 87.5° | 31.6 | 29.1 | 29.1 | 29.1 | 29.1 | 29.1 | 31.6 | 34.0 | 34.0 | 34.0 | 36.3 |
| 90° | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 | 48.1 | 64.1 | 72.2 | 62.1 |
| 92.5° | 180.5 | 173.4 | 144.6 | 115.9 | 144.6 | 173.4 | 180.5 | 255.9 | 356.4 | 406.7 | 357.1 |
| 95° | 612.9 | 591.2 | 504.2 | 417.2 | 504.2 | 591.2 | 612.9 | 804.9 | 1060.9 | 1188.8 | 1004.1 |
| 97.5° | 1415.0 | 1373.6 | 1208.1 | 1042.5 | 1208.1 | 1373.6 | 1415.0 | 1536.3 | 1698.1 | 1779.0 | 1470.9 |
| 100° | 1987.1 | 1937.8 | 1740.5 | 1543.3 | 1740.5 | 1937.8 | 1987.1 | 1978.2 | 1966.3 | 1960.5 | 1618.5 |
| 102.5° | 2475.5 | 2433.3 | 2264.3 | 2095.4 | 2264.3 | 2433.3 | 2475.5 | 2320.9 | 2114.8 | 2011.8 | 1665.1 |
| 105° | 3045.6 | 3023.0 | 2932.1 | 2841.4 | 2932.1 | 3023.0 | 3045.6 | 2699.1 | 2237.1 | 2006.1 | 1670.3 |
| 107.5° | 3342.2 | 3347.7 | 3369.6 | 3391.5 | 3369.6 | 3347.7 | 3342.2 | 2858.8 | 2214.3 | 1892.0 | 1596.0 |
| 110° | 3418.1 | 3441.8 | 3536.4 | 3631.0 | 3536.4 | 3441.8 | 3418.1 | 2877.8 | 2157.3 | 1797.0 | 1530.1 |



TEST NUMBER: P935668

CATALOG NUMBER: SQ4-FA-125U-100D-93050-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 260° | 270° | 280° | 290° | 292.5° | 300° | 310° | 315° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 3369.7 | 3406.0 | 3551.3 | 3696.6 | 3551.3 | 3406.0 | 3369.7 | 2816.6 | 2079.2 | 1710.5 | 1472.5 |
| 115° | 3205.3 | 3255.7 | 3457.1 | 3658.6 | 3457.1 | 3255.7 | 3205.3 | 2672.5 | 1962.1 | 1607.0 | 1406.6 |
| 117.5° | 2978.2 | 3034.1 | 3257.5 | 3480.9 | 3257.5 | 3034.1 | 2978.2 | 2497.3 | 1856.2 | 1535.7 | 1365.3 |
| 120° | 2825.2 | 2879.5 | 3096.6 | 3313.6 | 3096.6 | 2879.5 | 2825.2 | 2385.8 | 1800.1 | 1507.1 | 1351.3 |
| 122.5° | 2672.2 | 2725.7 | 2939.9 | 3154.0 | 2939.9 | 2725.7 | 2672.2 | 2276.6 | 1749.0 | 1485.3 | 1344.0 |
| 125° | 2469.8 | 2519.1 | 2716.4 | 2913.6 | 2716.4 | 2519.1 | 2469.8 | 2133.7 | 1685.6 | 1461.5 | 1338.0 |
| 127.5° | 2307.3 | 2348.8 | 2515.3 | 2681.7 | 2515.3 | 2348.8 | 2307.3 | 2018.7 | 1634.0 | 1441.6 | 1334.5 |
| 130° | 2204.7 | 2243.1 | 2396.8 | 2550.5 | 2396.8 | 2243.1 | 2204.7 | 1947.8 | 1605.2 | 1434.0 | 1336.6 |
| 132.5° | 2117.2 | 2151.6 | 2289.4 | 2427.0 | 2289.4 | 2151.6 | 2117.2 | 1887.2 | 1580.6 | 1427.3 | 1338.0 |
| 135° | 1993.7 | 2023.3 | 2142.1 | 2260.7 | 2142.1 | 2023.3 | 1993.7 | 1801.1 | 1544.3 | 1415.9 | 1336.7 |
| 137.5° | 1902.5 | 1926.8 | 2023.9 | 2121.1 | 2023.9 | 1926.8 | 1902.5 | 1739.7 | 1522.5 | 1414.0 | 1345.0 |
| 140° | 1829.3 | 1852.0 | 1942.9 | 2033.6 | 1942.9 | 1852.0 | 1829.3 | 1688.7 | 1501.2 | 1407.4 | 1346.4 |
| 142.5° | 1777.9 | 1797.5 | 1875.6 | 1953.8 | 1875.6 | 1797.5 | 1777.9 | 1654.4 | 1489.7 | 1407.4 | 1351.2 |
| 145° | 1701.0 | 1715.8 | 1774.9 | 1834.0 | 1774.9 | 1715.8 | 1701.0 | 1600.0 | 1465.2 | 1397.8 | 1351.2 |
| 147.5° | 1636.4 | 1648.6 | 1697.6 | 1746.6 | 1697.6 | 1648.6 | 1636.4 | 1556.9 | 1450.9 | 1397.8 | 1360.5 |
| 150° | 1599.4 | 1609.3 | 1649.0 | 1688.7 | 1649.0 | 1609.3 | 1599.4 | 1532.2 | 1442.6 | 1397.8 | 1365.3 |
| 152.5° | 1569.9 | 1577.4 | 1607.3 | 1637.4 | 1607.3 | 1577.4 | 1569.9 | 1512.5 | 1436.1 | 1397.8 | 1368.5 |
| 155° | 1534.8 | 1539.7 | 1559.5 | 1579.4 | 1559.5 | 1539.7 | 1534.8 | 1489.1 | 1428.3 | 1397.8 | 1375.4 |
| 157.5° | 1504.3 | 1507.8 | 1521.7 | 1535.7 | 1521.7 | 1507.8 | 1504.3 | 1468.8 | 1421.5 | 1397.8 | 1382.4 |
| 160° | 1489.1 | 1491.1 | 1499.1 | 1507.1 | 1499.1 | 1491.1 | 1489.1 | 1458.7 | 1418.1 | 1397.8 | 1385.6 |
| 162.5° | 1474.8 | 1476.8 | 1484.4 | 1492.0 | 1484.4 | 1476.8 | 1474.8 | 1449.1 | 1414.9 | 1397.8 | 1388.9 |
| 165° | 1453.0 | 1455.0 | 1463.0 | 1471.1 | 1463.0 | 1455.0 | 1453.0 | 1434.6 | 1410.1 | 1397.8 | 1393.8 |
| 167.5° | 1443.4 | 1444.3 | 1447.7 | 1451.1 | 1447.7 | 1444.3 | 1443.4 | 1431.4 | 1415.4 | 1407.4 | 1404.0 |
| 170° | 1443.4 | 1443.4 | 1443.4 | 1443.4 | 1443.4 | 1443.4 | 1443.4 | 1431.4 | 1415.4 | 1407.4 | 1407.2 |
| 172.5° | 1435.9 | 1435.2 | 1432.2 | 1429.2 | 1432.2 | 1435.2 | 1435.9 | 1426.4 | 1413.7 | 1407.4 | 1407.4 |
| 175° | 1425.5 | 1425.5 | 1425.5 | 1425.5 | 1425.5 | 1425.5 | 1425.5 | 1419.4 | 1411.4 | 1407.4 | 1409.3 |
| 177.5° | 1423.5 | 1422.7 | 1419.3 | 1415.9 | 1419.3 | 1422.7 | 1423.5 | 1418.8 | 1412.4 | 1409.3 | 1410.8 |
| 180° | 1415.9 | 1415.9 | 1415.9 | 1415.9 | 1415.9 | 1415.9 | 1415.9 | 1415.9 | 1415.9 | 1415.9 | 1415.9 |



TEST NUMBER: P935668

CATALOG NUMBER: SQ4-FA-125U-100D-93050-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

| | 330° | 337.5° | 340° | 350° | 360° |
|--------|--------|--------|--------|--------|--------|
| 0° | 2563.2 | 2563.2 | 2563.2 | 2563.2 | 2563.2 |
| 2.5° | 2531.6 | 2543.9 | 2551.1 | 2560.8 | 2585.1 |
| 5° | 2434.6 | 2480.7 | 2495.3 | 2531.6 | 2575.3 |
| 7.5° | 2221.3 | 2362.0 | 2400.7 | 2488.1 | 2556.0 |
| 10° | 2015.2 | 2155.8 | 2223.7 | 2429.9 | 2531.6 |
| 12.5° | 1910.9 | 1993.3 | 2039.4 | 2328.0 | 2497.7 |
| 15° | 1845.4 | 1903.6 | 1937.5 | 2192.2 | 2459.0 |
| 17.5° | 1794.5 | 1835.8 | 1860.0 | 2058.8 | 2405.6 |
| 20° | 1763.0 | 1782.3 | 1804.2 | 1961.8 | 2345.0 |
| 22.5° | 1741.1 | 1729.0 | 1746.0 | 1893.9 | 2262.5 |
| 25° | 1726.6 | 1680.5 | 1699.9 | 1840.5 | 2165.5 |
| 27.5° | 1738.8 | 1636.9 | 1644.1 | 1792.1 | 2063.6 |
| 30° | 1741.1 | 1583.5 | 1586.0 | 1741.1 | 1949.6 |
| 32.5° | 1724.2 | 1527.8 | 1530.2 | 1678.1 | 1821.2 |
| 35° | 1683.0 | 1462.3 | 1459.9 | 1605.3 | 1646.5 |
| 37.5° | 1627.2 | 1392.0 | 1392.0 | 1525.3 | 1455.0 |
| 40° | 1559.3 | 1321.6 | 1328.9 | 1421.1 | 1285.2 |
| 42.5° | 1476.8 | 1246.4 | 1256.1 | 1282.8 | 1159.1 |
| 45° | 1387.1 | 1173.7 | 1181.0 | 1084.0 | 1062.1 |
| 47.5° | 1287.7 | 1098.5 | 1101.0 | 899.7 | 1030.7 |
| 50° | 1168.9 | 1020.9 | 1011.2 | 771.1 | 1028.2 |
| 52.5° | 1064.5 | 936.0 | 907.0 | 698.4 | 933.7 |
| 55° | 962.8 | 846.3 | 783.3 | 642.7 | 865.8 |
| 57.5° | 873.0 | 729.9 | 669.3 | 577.1 | 851.2 |
| 60° | 790.5 | 616.0 | 569.9 | 506.8 | 780.9 |
| 62.5° | 722.7 | 531.1 | 521.3 | 458.3 | 708.1 |
| 65° | 649.9 | 472.9 | 470.4 | 417.1 | 601.4 |
| 67.5° | 579.6 | 434.1 | 431.7 | 378.3 | 458.3 |
| 70° | 504.4 | 392.9 | 388.0 | 337.1 | 339.5 |
| 72.5° | 426.8 | 346.8 | 341.9 | 303.1 | 281.3 |
| 75° | 349.2 | 293.4 | 291.0 | 264.3 | 228.0 |
| 77.5° | 274.0 | 232.8 | 237.7 | 213.4 | 167.3 |
| 80° | 196.4 | 169.8 | 174.6 | 152.8 | 126.1 |
| 82.5° | 131.0 | 111.6 | 116.4 | 97.0 | 84.9 |
| 85° | 72.8 | 63.0 | 65.4 | 50.9 | 38.8 |
| 87.5° | 34.0 | 29.1 | 29.1 | 19.4 | 12.1 |
| 90° | 41.8 | 26.6 | 24.7 | 17.2 | 9.5 |
| 92.5° | 257.9 | 183.4 | 167.3 | 102.6 | 38.0 |
| 95° | 634.5 | 357.4 | 327.8 | 209.5 | 91.2 |
| 97.5° | 854.6 | 392.5 | 366.4 | 262.1 | 157.8 |
| 100° | 934.8 | 422.0 | 398.3 | 303.7 | 209.1 |
| 102.5° | 971.6 | 451.4 | 429.3 | 341.0 | 252.7 |
| 105° | 998.7 | 495.1 | 476.4 | 401.7 | 326.9 |
| 107.5° | 1003.8 | 559.7 | 542.3 | 472.6 | 403.0 |
| 110° | 996.2 | 595.9 | 580.2 | 517.2 | 454.3 |



TEST NUMBER: P935668

CATALOG NUMBER: SQ4-FA-125U-100D-93050-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

| | 330° | 337.5° | 340° | 350° | 360° |
|--------|--------|--------|--------|--------|--------|
| 112.5° | 996.5 | 639.5 | 624.6 | 564.6 | 504.6 |
| 115° | 1005.7 | 705.1 | 691.2 | 636.0 | 580.6 |
| 117.5° | 1024.4 | 768.8 | 756.2 | 706.0 | 655.7 |
| 120° | 1039.6 | 805.8 | 794.0 | 746.7 | 699.4 |
| 122.5° | 1061.4 | 849.5 | 837.6 | 789.9 | 742.1 |
| 125° | 1090.9 | 905.6 | 894.8 | 851.3 | 807.8 |
| 127.5° | 1120.4 | 959.8 | 948.8 | 904.9 | 861.0 |
| 130° | 1141.9 | 995.9 | 984.0 | 936.8 | 889.4 |
| 132.5° | 1159.3 | 1025.3 | 1013.5 | 966.2 | 918.9 |
| 135° | 1178.3 | 1059.6 | 1048.8 | 1005.7 | 962.7 |
| 137.5° | 1206.9 | 1103.3 | 1092.6 | 1049.9 | 1007.3 |
| 140° | 1224.3 | 1132.7 | 1122.9 | 1083.6 | 1044.3 |
| 142.5° | 1238.8 | 1154.6 | 1145.5 | 1109.2 | 1072.9 |
| 145° | 1257.9 | 1187.9 | 1180.0 | 1148.2 | 1116.6 |
| 147.5° | 1285.8 | 1229.7 | 1222.0 | 1191.2 | 1160.3 |
| 150° | 1300.3 | 1251.6 | 1244.6 | 1216.7 | 1188.8 |
| 152.5° | 1309.8 | 1265.8 | 1260.5 | 1239.3 | 1218.2 |
| 155° | 1330.7 | 1297.2 | 1293.2 | 1277.6 | 1262.0 |
| 157.5° | 1351.6 | 1328.5 | 1324.7 | 1309.5 | 1294.3 |
| 160° | 1361.1 | 1342.8 | 1339.8 | 1328.0 | 1316.2 |
| 162.5° | 1371.2 | 1357.9 | 1355.7 | 1346.8 | 1338.0 |
| 165° | 1385.8 | 1379.8 | 1377.8 | 1369.8 | 1361.8 |
| 167.5° | 1397.2 | 1392.1 | 1391.2 | 1387.4 | 1383.6 |
| 170° | 1406.7 | 1406.5 | 1405.5 | 1401.7 | 1397.8 |
| 172.5° | 1407.4 | 1407.4 | 1407.2 | 1406.3 | 1405.4 |
| 175° | 1413.1 | 1415.9 | 1415.9 | 1415.9 | 1415.9 |
| 177.5° | 1413.7 | 1415.9 | 1415.9 | 1415.9 | 1415.9 |
| 180° | 1415.9 | 1415.9 | 1415.9 | 1415.9 | 1415.9 |



TEST NUMBER: P935668
 CATALOG NUMBER: SQ4-FA-125U-100D-93050-1D-UNV-STD-W-8-5000K

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 | 12.62 | 13.42 | 13.65 | 14.45 | 15.83 | 15.46 | 16.26 | 16.48 | 17.29 | 18.67 |
| | 3H | 13.10 | 13.81 | 14.13 | 14.85 | 16.25 | 16.80 | 17.52 | 17.84 | 18.56 | 19.96 |
| | 4H | 13.28 | 13.96 | 14.33 | 15.00 | 16.41 | 17.25 | 17.92 | 18.29 | 18.96 | 20.37 |
| | 6H | 13.40 | 14.02 | 14.45 | 15.07 | 16.49 | 17.53 | 18.15 | 18.59 | 19.20 | 20.62 |
| | 8H | 13.40 | 13.99 | 14.46 | 15.05 | 16.47 | 17.60 | 18.19 | 18.66 | 19.26 | 20.67 |
| | 12H | 13.37 | 13.93 | 14.43 | 14.98 | 16.42 | 17.64 | 18.20 | 18.71 | 19.26 | 20.70 |
| 4H | 2H | 13.65 | 14.32 | 14.70 | 15.37 | 16.77 | 15.86 | 16.54 | 16.91 | 17.58 | 18.99 |
| | 3H | 14.67 | 15.23 | 15.73 | 16.30 | 17.72 | 17.36 | 17.93 | 18.42 | 19.00 | 20.42 |
| | 4H | 14.94 | 15.46 | 16.01 | 16.52 | 17.96 | 17.89 | 18.40 | 18.96 | 19.47 | 20.91 |
| | 6H | 15.06 | 15.51 | 16.14 | 16.59 | 18.03 | 18.25 | 18.70 | 19.33 | 19.78 | 21.22 |
| | 8H | 15.07 | 15.48 | 16.14 | 16.56 | 18.01 | 18.36 | 18.77 | 19.44 | 19.85 | 21.30 |
| | 12H | 15.03 | 15.41 | 16.13 | 16.50 | 17.95 | 18.42 | 18.79 | 19.51 | 19.88 | 21.34 |
| 8H | 4H | 15.39 | 15.81 | 16.47 | 16.88 | 18.34 | 18.01 | 18.42 | 19.09 | 19.50 | 20.95 |
| | 6H | 15.65 | 15.99 | 16.75 | 17.11 | 18.56 | 18.45 | 18.79 | 19.54 | 19.90 | 21.35 |
| | 8H | 15.69 | 15.99 | 16.80 | 17.09 | 18.56 | 18.60 | 18.90 | 19.70 | 20.00 | 21.47 |
| | 12H | 15.67 | 15.94 | 16.78 | 17.03 | 18.54 | 18.69 | 18.96 | 19.80 | 20.05 | 21.56 |
| 12H | 4H | 15.40 | 15.77 | 16.49 | 16.86 | 18.32 | 17.97 | 18.34 | 19.06 | 19.43 | 20.89 |
| | 6H | 15.71 | 16.01 | 16.82 | 17.11 | 18.58 | 18.44 | 18.74 | 19.55 | 19.84 | 21.31 |
| | 8H | 15.78 | 16.04 | 16.89 | 17.14 | 18.64 | 18.60 | 18.86 | 19.71 | 19.96 | 21.47 |