

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: P935793

Luminaire Tested: SQ4-FA-125U-125D-B2750-1D-UNV-STD-W-8-3000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935793
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-8-3000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

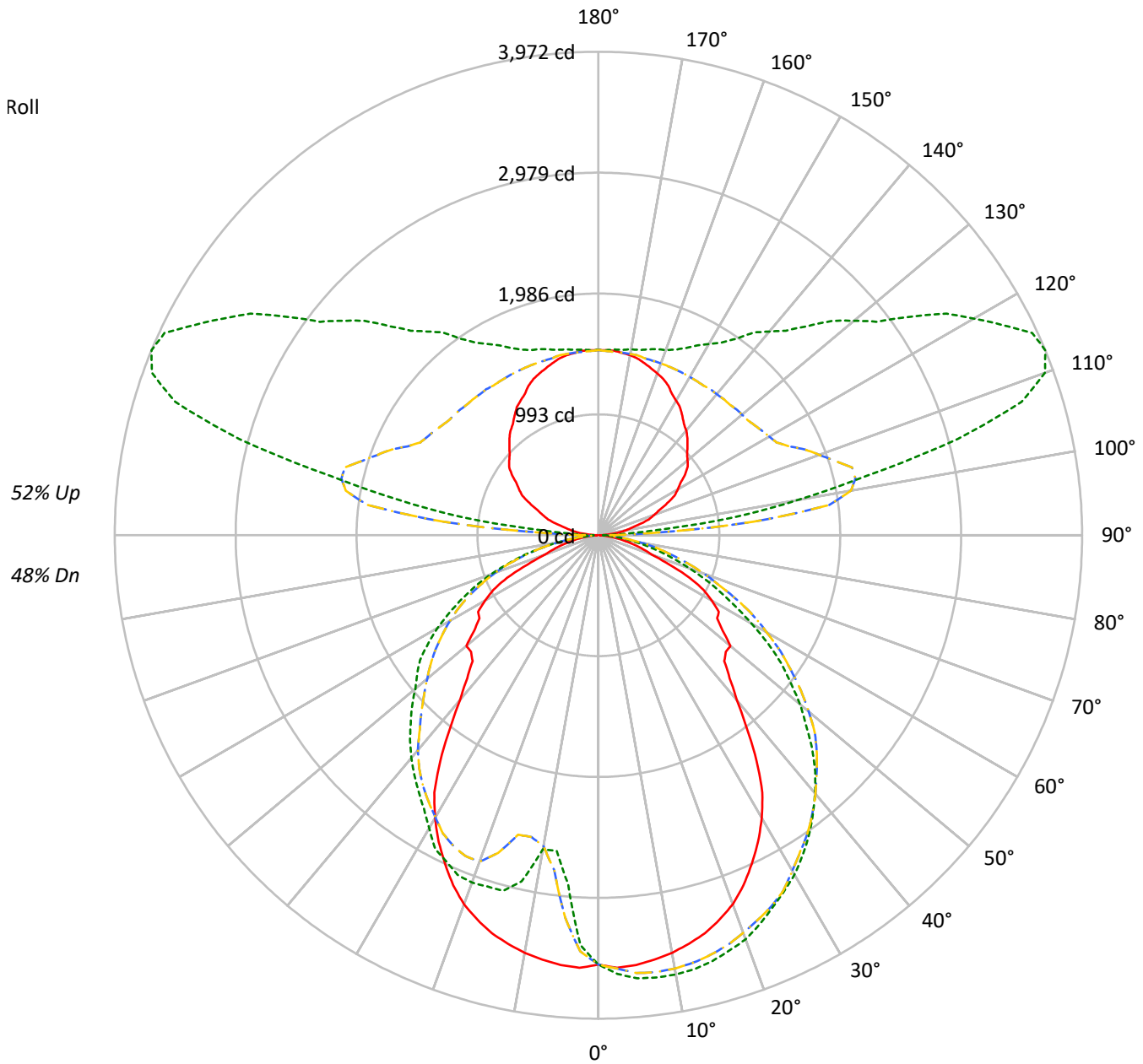
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 19013.1 lumens
Efficiency: N/A
Efficacy: 126.4 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

TEST NUMBER: P935793
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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° | 16364 | 16364 | 16364 | 16364 |
| 5° | 16487 | 16519 | 16487 | 12989 |
| 10° | 16376 | 16272 | 16376 | 11634 |
| 15° | 16199 | 15919 | 16199 | 13294 |
| 20° | 15860 | 15502 | 15860 | 13321 |
| 25° | 15166 | 14893 | 15166 | 13039 |
| 30° | 14270 | 14387 | 14270 | 12419 |
| 35° | 12721 | 13747 | 12721 | 11738 |
| 40° | 10601 | 12994 | 10601 | 11223 |
| 45° | 9471 | 12113 | 9471 | 10631 |
| 50° | 10062 | 11062 | 10062 | 10037 |
| 55° | 9467 | 9929 | 9467 | 9694 |
| 60° | 9758 | 8433 | 9758 | 8879 |
| 65° | 8847 | 6971 | 8847 | 7792 |
| 70° | 6127 | 5555 | 6127 | 6532 |
| 75° | 5371 | 4107 | 5371 | 4917 |
| 80° | 4329 | 2715 | 4329 | 2957 |
| 85° | 2483 | 1438 | 2483 | 1223 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 14516 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 318.4 | 1.7 |
| 10°-20° | 904.0 | 4.8 |
| 20°-30° | 1397.4 | 7.3 |
| 30°-40° | 1668.2 | 8.8 |
| 40°-50° | 1678.0 | 8.8 |
| 50°-60° | 1460.0 | 7.7 |
| 60°-70° | 1035.2 | 5.4 |
| 70°-80° | 547.7 | 2.9 |
| 80°-90° | 142.2 | 0.7 |
| 90°-100° | 741.6 | 3.9 |
| 100°-110° | 1949.6 | 10.3 |
| 110°-120° | 2021.5 | 10.6 |
| 120°-130° | 1621.5 | 8.5 |
| 130°-140° | 1272.3 | 6.7 |
| 140°-150° | 976.6 | 5.1 |
| 150°-160° | 703.3 | 3.7 |
| 160°-170° | 430.3 | 2.3 |
| 170°-180° | 145.4 | 0.8 |
| 0°-30° | 2619.7 | 13.8 |
| 0°-40° | 4287.9 | 22.6 |
| 0°-60° | 7425.9 | 39.1 |
| 0°-90° | 9151.0 | 48.1 |
| 90°-120° | 4712.7 | 24.8 |
| 90°-150° | 8583.1 | 45.1 |
| 90°-180° | 9862.0 | 51.9 |
| 0°-180° | 19013.1 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 3527 | 3527 | 3527 | 3527 | 3527 | |
| 5° | 3544 | 3654 | 3544 | 2873 | 3544 | 336 |
| 15° | 3384 | 3620 | 3384 | 3023 | 3384 | 952 |
| 25° | 2980 | 3377 | 2980 | 2956 | 2980 | 1368 |
| 35° | 2266 | 3013 | 2266 | 2573 | 2266 | 1402 |
| 45° | 1462 | 2483 | 1462 | 2179 | 1462 | 1171 |
| 55° | 1191 | 1832 | 1191 | 1789 | 1191 | 1095 |
| 65° | 828 | 1104 | 828 | 1235 | 828 | 791 |
| 75° | 314 | 524 | 314 | 627 | 314 | 330 |
| 85° | 53 | 134 | 53 | 114 | 53 | 72 |
| 90° | 10 | 39 | 10 | 39 | 10 | 11 |
| 95° | 98 | 448 | 98 | 448 | 98 | 109 |
| 105° | 351 | 3053 | 351 | 3053 | 351 | 372 |
| 115° | 624 | 3931 | 624 | 3931 | 624 | 616 |
| 125° | 868 | 3130 | 868 | 3130 | 868 | 771 |
| 135° | 1034 | 2429 | 1034 | 2429 | 1034 | 800 |
| 145° | 1200 | 1970 | 1200 | 1970 | 1200 | 752 |
| 155° | 1356 | 1697 | 1356 | 1697 | 1356 | 623 |
| 165° | 1463 | 1581 | 1463 | 1581 | 1463 | 413 |
| 175° | 1521 | 1532 | 1521 | 1532 | 1521 | 144 |
| 180° | 1521 | 1521 | 1521 | 1521 | 1521 | |



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CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-STD-W-8-3000K

CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3527.1 | 3527.1 | 3527.1 | 3527.1 | 3527.1 | 3527.1 | 3527.1 | 3527.1 | 3527.1 | 3527.1 | 3527.1 |
| 2.5° | 3557.1 | 3557.1 | 3577.1 | 3583.8 | 3583.8 | 3573.9 | 3563.8 | 3573.9 | 3603.8 | 3613.9 | 3610.5 |
| 5° | 3543.8 | 3570.5 | 3607.2 | 3613.9 | 3620.5 | 3617.2 | 3610.5 | 3617.2 | 3650.6 | 3657.3 | 3660.6 |
| 7.5° | 3517.1 | 3567.2 | 3613.9 | 3623.8 | 3633.9 | 3623.8 | 3620.5 | 3627.2 | 3660.6 | 3667.2 | 3667.2 |
| 10° | 3483.7 | 3553.8 | 3607.2 | 3613.9 | 3623.8 | 3613.9 | 3613.9 | 3627.2 | 3660.6 | 3667.2 | 3670.6 |
| 12.5° | 3437.0 | 3533.7 | 3583.8 | 3590.5 | 3603.8 | 3600.5 | 3597.2 | 3610.5 | 3643.9 | 3650.6 | 3650.6 |
| 15° | 3383.7 | 3497.0 | 3543.8 | 3550.5 | 3573.9 | 3567.2 | 3567.2 | 3580.5 | 3617.2 | 3627.2 | 3623.8 |
| 17.5° | 3310.2 | 3450.3 | 3503.8 | 3513.7 | 3530.5 | 3527.1 | 3530.5 | 3543.8 | 3577.1 | 3583.8 | 3587.2 |
| 20° | 3226.8 | 3386.9 | 3450.3 | 3460.4 | 3477.0 | 3477.0 | 3477.0 | 3493.7 | 3527.1 | 3540.4 | 3540.4 |
| 22.5° | 3113.3 | 3320.3 | 3386.9 | 3393.6 | 3413.6 | 3413.6 | 3420.3 | 3443.7 | 3473.7 | 3477.0 | 3477.0 |
| 25° | 2979.9 | 3246.8 | 3303.5 | 3323.5 | 3343.5 | 3353.6 | 3363.6 | 3377.0 | 3386.9 | 3383.7 | 3386.9 |
| 27.5° | 2839.7 | 3153.3 | 3226.8 | 3240.1 | 3266.8 | 3276.9 | 3290.2 | 3293.5 | 3296.9 | 3306.8 | 3300.1 |
| 30° | 2682.9 | 3023.3 | 3133.3 | 3146.7 | 3190.1 | 3196.7 | 3183.4 | 3190.1 | 3206.8 | 3213.5 | 3220.1 |
| 32.5° | 2506.0 | 2829.7 | 3036.6 | 3066.7 | 3106.7 | 3086.7 | 3083.3 | 3093.3 | 3120.0 | 3120.0 | 3126.7 |
| 35° | 2265.7 | 2679.6 | 2946.5 | 2973.2 | 3003.2 | 2979.9 | 2993.2 | 2996.6 | 3013.2 | 3023.3 | 3019.9 |
| 37.5° | 2002.2 | 2549.4 | 2853.1 | 2873.1 | 2896.5 | 2866.4 | 2886.4 | 2896.5 | 2909.8 | 2903.1 | 2903.1 |
| 40° | 1768.6 | 2345.8 | 2743.0 | 2756.3 | 2776.3 | 2752.9 | 2772.9 | 2779.6 | 2786.3 | 2779.6 | 2776.3 |
| 42.5° | 1595.1 | 2122.3 | 2626.1 | 2642.8 | 2629.5 | 2646.1 | 2652.8 | 2666.1 | 2656.2 | 2642.8 | 2642.8 |
| 45° | 1461.5 | 2062.2 | 2499.3 | 2519.3 | 2499.3 | 2526.0 | 2536.1 | 2536.1 | 2506.0 | 2499.3 | 2496.0 |
| 47.5° | 1418.2 | 1942.0 | 2372.5 | 2372.5 | 2362.6 | 2395.9 | 2412.5 | 2389.2 | 2359.2 | 2349.1 | 2349.1 |
| 50° | 1414.8 | 1808.6 | 2199.0 | 2185.7 | 2232.4 | 2272.4 | 2255.8 | 2232.4 | 2209.0 | 2172.4 | 2172.4 |
| 52.5° | 1284.7 | 1645.0 | 1975.5 | 2025.5 | 2098.9 | 2122.3 | 2095.5 | 2072.2 | 2032.1 | 2015.5 | 2002.2 |
| 55° | 1191.3 | 1475.0 | 1771.9 | 1872.0 | 1948.7 | 1978.8 | 1928.7 | 1905.3 | 1845.3 | 1835.3 | 1828.6 |
| 57.5° | 1171.3 | 1228.0 | 1585.0 | 1711.8 | 1805.3 | 1801.9 | 1771.9 | 1728.6 | 1678.5 | 1668.4 | 1665.2 |
| 60° | 1074.4 | 887.6 | 1384.8 | 1535.0 | 1631.7 | 1621.8 | 1595.1 | 1555.0 | 1508.3 | 1501.6 | 1495.0 |
| 62.5° | 974.4 | 644.1 | 1157.9 | 1328.0 | 1464.9 | 1461.5 | 1438.2 | 1378.1 | 1344.8 | 1328.0 | 1314.7 |
| 65° | 827.5 | 540.6 | 824.2 | 1104.5 | 1301.4 | 1308.0 | 1258.0 | 1214.7 | 1177.9 | 1157.9 | 1154.6 |
| 67.5° | 630.6 | 440.4 | 557.3 | 921.0 | 1144.5 | 1137.8 | 1074.4 | 1054.4 | 1007.8 | 997.7 | 977.7 |
| 70° | 467.2 | 293.6 | 387.1 | 747.5 | 991.0 | 974.4 | 924.3 | 901.0 | 857.6 | 834.3 | 820.8 |
| 72.5° | 387.1 | 236.9 | 283.7 | 580.7 | 834.3 | 814.2 | 770.9 | 744.1 | 707.5 | 687.4 | 674.0 |
| 75° | 313.6 | 250.2 | 216.9 | 430.5 | 677.4 | 664.1 | 624.0 | 597.3 | 567.2 | 540.6 | 543.9 |
| 77.5° | 230.2 | 233.6 | 173.5 | 317.0 | 537.3 | 517.3 | 493.9 | 460.5 | 447.2 | 420.4 | 420.4 |
| 80° | 173.5 | 183.5 | 130.2 | 216.9 | 387.1 | 387.1 | 367.1 | 343.7 | 320.4 | 307.0 | 307.0 |
| 82.5° | 116.7 | 116.7 | 96.7 | 136.9 | 263.7 | 253.6 | 240.3 | 233.6 | 220.3 | 213.6 | 213.6 |
| 85° | 53.3 | 66.8 | 60.0 | 83.4 | 143.5 | 150.2 | 150.2 | 143.5 | 140.1 | 133.5 | 136.9 |
| 87.5° | 16.7 | 30.1 | 36.7 | 46.7 | 73.5 | 76.7 | 80.1 | 80.1 | 80.1 | 83.4 | 83.4 |
| 90° | 10.3 | 18.4 | 26.5 | 28.6 | 45.0 | 66.8 | 77.6 | 68.9 | 51.7 | 38.7 | 38.7 |
| 92.5° | 40.8 | 110.2 | 179.7 | 197.1 | 277.1 | 383.7 | 437.0 | 383.0 | 275.0 | 193.9 | 186.3 |
| 95° | 98.0 | 225.1 | 352.2 | 383.9 | 681.7 | 1078.8 | 1277.3 | 1139.8 | 864.8 | 658.5 | 635.2 |
| 97.5° | 169.5 | 281.6 | 393.7 | 421.7 | 918.3 | 1580.4 | 1911.4 | 1824.5 | 1650.7 | 1520.3 | 1475.8 |
| 100° | 224.6 | 326.3 | 427.9 | 453.4 | 1004.3 | 1739.0 | 2106.4 | 2112.7 | 2125.4 | 2135.0 | 2082.0 |
| 102.5° | 271.5 | 366.4 | 461.3 | 485.0 | 1043.9 | 1789.0 | 2161.5 | 2272.2 | 2493.7 | 2659.7 | 2614.4 |
| 105° | 351.2 | 431.6 | 511.8 | 531.9 | 1073.1 | 1794.6 | 2155.4 | 2403.6 | 2900.0 | 3272.3 | 3248.0 |
| 107.5° | 433.0 | 507.8 | 582.6 | 601.4 | 1078.5 | 1714.8 | 2032.8 | 2379.1 | 3071.6 | 3590.9 | 3596.8 |
| 110° | 488.1 | 555.7 | 623.3 | 640.2 | 1070.4 | 1644.0 | 1930.8 | 2317.9 | 3092.0 | 3672.6 | 3698.0 |



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CANDELA DISTRIBUTION (continued):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 542.2 | 606.6 | 671.1 | 687.1 | 1070.7 | 1582.1 | 1837.8 | 2234.0 | 3026.2 | 3620.5 | 3659.5 |
| 115° | 623.8 | 683.3 | 742.7 | 757.5 | 1080.6 | 1511.2 | 1726.6 | 2108.2 | 2871.4 | 3443.9 | 3498.0 |
| 117.5° | 704.5 | 758.5 | 812.5 | 826.0 | 1100.7 | 1466.9 | 1650.0 | 1994.4 | 2683.2 | 3199.9 | 3259.9 |
| 120° | 751.4 | 802.3 | 853.1 | 865.8 | 1116.9 | 1451.9 | 1619.3 | 1934.0 | 2563.4 | 3035.5 | 3093.8 |
| 122.5° | 797.4 | 848.7 | 899.9 | 912.7 | 1140.4 | 1444.0 | 1595.8 | 1879.2 | 2446.1 | 2871.1 | 2928.6 |
| 125° | 867.9 | 914.6 | 961.4 | 973.0 | 1172.1 | 1437.6 | 1570.3 | 1811.1 | 2292.5 | 2653.6 | 2706.6 |
| 127.5° | 925.1 | 972.3 | 1019.4 | 1031.3 | 1203.8 | 1433.8 | 1548.9 | 1755.6 | 2169.0 | 2479.0 | 2523.7 |
| 130° | 955.6 | 1006.5 | 1057.3 | 1070.0 | 1226.9 | 1436.1 | 1540.7 | 1724.7 | 2092.8 | 2368.8 | 2410.1 |
| 132.5° | 987.3 | 1038.2 | 1088.9 | 1101.7 | 1245.6 | 1437.6 | 1533.5 | 1698.3 | 2027.7 | 2274.8 | 2311.8 |
| 135° | 1034.3 | 1080.6 | 1126.9 | 1138.4 | 1266.0 | 1436.2 | 1521.3 | 1659.2 | 1935.1 | 2142.1 | 2173.9 |
| 137.5° | 1082.2 | 1128.1 | 1173.9 | 1185.4 | 1296.7 | 1445.1 | 1519.2 | 1635.9 | 1869.2 | 2044.1 | 2070.2 |
| 140° | 1122.1 | 1164.3 | 1206.5 | 1217.0 | 1315.4 | 1446.6 | 1512.1 | 1612.9 | 1814.3 | 1965.5 | 1989.8 |
| 142.5° | 1152.7 | 1191.8 | 1230.7 | 1240.5 | 1331.0 | 1451.8 | 1512.1 | 1600.6 | 1777.6 | 1910.3 | 1931.3 |
| 145° | 1199.7 | 1233.7 | 1267.8 | 1276.3 | 1351.5 | 1451.8 | 1501.9 | 1574.2 | 1719.1 | 1827.6 | 1843.5 |
| 147.5° | 1246.7 | 1279.8 | 1313.0 | 1321.2 | 1381.5 | 1461.7 | 1501.9 | 1558.9 | 1672.7 | 1758.2 | 1771.3 |
| 150° | 1277.3 | 1307.2 | 1337.2 | 1344.7 | 1397.1 | 1467.0 | 1501.9 | 1550.0 | 1646.2 | 1718.4 | 1729.0 |
| 152.5° | 1308.9 | 1331.6 | 1354.3 | 1360.0 | 1407.3 | 1470.3 | 1501.9 | 1543.0 | 1625.1 | 1686.8 | 1694.8 |
| 155° | 1355.9 | 1372.7 | 1389.5 | 1393.7 | 1429.8 | 1477.8 | 1501.9 | 1534.6 | 1600.0 | 1649.0 | 1654.3 |
| 157.5° | 1390.7 | 1406.9 | 1423.3 | 1427.3 | 1452.2 | 1485.3 | 1501.9 | 1527.3 | 1578.1 | 1616.3 | 1620.0 |
| 160° | 1414.1 | 1426.8 | 1439.6 | 1442.7 | 1462.4 | 1488.8 | 1501.9 | 1523.7 | 1567.2 | 1599.9 | 1602.1 |
| 162.5° | 1437.6 | 1447.1 | 1456.6 | 1459.0 | 1473.3 | 1492.3 | 1501.9 | 1520.2 | 1557.0 | 1584.6 | 1586.7 |
| 165° | 1463.1 | 1471.8 | 1480.4 | 1482.5 | 1489.0 | 1497.5 | 1501.9 | 1515.1 | 1541.4 | 1561.1 | 1563.3 |
| 167.5° | 1486.6 | 1490.6 | 1494.8 | 1495.8 | 1501.2 | 1508.5 | 1512.1 | 1520.7 | 1538.0 | 1550.9 | 1551.8 |
| 170° | 1501.9 | 1506.0 | 1510.2 | 1511.1 | 1511.4 | 1511.9 | 1512.1 | 1520.7 | 1538.0 | 1550.9 | 1550.9 |
| 172.5° | 1510.1 | 1510.9 | 1511.9 | 1512.1 | 1512.1 | 1512.1 | 1512.1 | 1518.9 | 1532.5 | 1542.8 | 1542.0 |
| 175° | 1521.3 | 1521.3 | 1521.3 | 1521.3 | 1518.2 | 1514.2 | 1512.1 | 1516.5 | 1525.0 | 1531.6 | 1531.6 |
| 177.5° | 1521.3 | 1521.3 | 1521.3 | 1521.3 | 1518.9 | 1515.8 | 1514.2 | 1517.6 | 1524.4 | 1529.5 | 1528.6 |
| 180° | 1521.3 | 1521.3 | 1521.3 | 1521.3 | 1521.3 | 1521.3 | 1521.3 | 1521.3 | 1521.3 | 1521.3 | 1521.3 |



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CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-STD-W-8-3000K

CANDELA DISTRIBUTION (continued):

| | 80° | 90° | 100° | 110° | 112.5° | 120° | 130° | 135° | 140° | 150° | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3527.1 | 3527.1 | 3527.1 | 3527.1 | 3527.1 | 3527.1 | 3527.1 | 3527.1 | 3527.1 | 3527.1 | 3527.1 |
| 2.5° | 3617.2 | 3607.2 | 3617.2 | 3610.5 | 3613.9 | 3603.8 | 3573.9 | 3563.8 | 3573.9 | 3583.8 | 3583.8 |
| 5° | 3660.6 | 3653.9 | 3660.6 | 3660.6 | 3657.3 | 3650.6 | 3617.2 | 3610.5 | 3617.2 | 3620.5 | 3613.9 |
| 7.5° | 3673.9 | 3663.9 | 3673.9 | 3667.2 | 3667.2 | 3660.6 | 3627.2 | 3620.5 | 3623.8 | 3633.9 | 3623.8 |
| 10° | 3673.9 | 3663.9 | 3673.9 | 3670.6 | 3667.2 | 3660.6 | 3627.2 | 3613.9 | 3613.9 | 3623.8 | 3613.9 |
| 12.5° | 3657.3 | 3650.6 | 3657.3 | 3650.6 | 3650.6 | 3643.9 | 3610.5 | 3597.2 | 3600.5 | 3603.8 | 3590.5 |
| 15° | 3630.6 | 3620.5 | 3630.6 | 3623.8 | 3627.2 | 3617.2 | 3580.5 | 3567.2 | 3567.2 | 3573.9 | 3550.5 |
| 17.5° | 3590.5 | 3577.1 | 3590.5 | 3587.2 | 3583.8 | 3577.1 | 3543.8 | 3530.5 | 3527.1 | 3530.5 | 3513.7 |
| 20° | 3543.8 | 3533.7 | 3543.8 | 3540.4 | 3540.4 | 3527.1 | 3493.7 | 3477.0 | 3477.0 | 3477.0 | 3460.4 |
| 22.5° | 3470.3 | 3460.4 | 3470.3 | 3477.0 | 3477.0 | 3473.7 | 3443.7 | 3420.3 | 3413.6 | 3413.6 | 3393.6 |
| 25° | 3386.9 | 3377.0 | 3386.9 | 3386.9 | 3383.7 | 3386.9 | 3377.0 | 3363.6 | 3353.6 | 3343.5 | 3323.5 |
| 27.5° | 3306.8 | 3300.1 | 3306.8 | 3300.1 | 3306.8 | 3296.9 | 3293.5 | 3290.2 | 3276.9 | 3266.8 | 3240.1 |
| 30° | 3226.8 | 3220.1 | 3226.8 | 3220.1 | 3213.5 | 3206.8 | 3190.1 | 3183.4 | 3196.7 | 3190.1 | 3146.7 |
| 32.5° | 3126.7 | 3120.0 | 3126.7 | 3126.7 | 3120.0 | 3120.0 | 3093.3 | 3083.3 | 3086.7 | 3106.7 | 3066.7 |
| 35° | 3023.3 | 3013.2 | 3023.3 | 3019.9 | 3023.3 | 3013.2 | 2996.6 | 2993.2 | 2979.9 | 3003.2 | 2973.2 |
| 37.5° | 2903.1 | 2893.1 | 2903.1 | 2903.1 | 2903.1 | 2909.8 | 2896.5 | 2886.4 | 2866.4 | 2896.5 | 2873.1 |
| 40° | 2779.6 | 2766.3 | 2779.6 | 2776.3 | 2779.6 | 2786.3 | 2779.6 | 2772.9 | 2752.9 | 2776.3 | 2756.3 |
| 42.5° | 2639.5 | 2636.2 | 2639.5 | 2642.8 | 2642.8 | 2656.2 | 2666.1 | 2652.8 | 2646.1 | 2629.5 | 2642.8 |
| 45° | 2489.4 | 2482.6 | 2489.4 | 2496.0 | 2499.3 | 2506.0 | 2536.1 | 2536.1 | 2526.0 | 2499.3 | 2519.3 |
| 47.5° | 2329.1 | 2312.5 | 2329.1 | 2349.1 | 2349.1 | 2359.2 | 2389.2 | 2412.5 | 2395.9 | 2362.6 | 2372.5 |
| 50° | 2158.9 | 2162.3 | 2158.9 | 2172.4 | 2172.4 | 2209.0 | 2232.4 | 2255.8 | 2272.4 | 2232.4 | 2185.7 |
| 52.5° | 1992.1 | 1988.8 | 1992.1 | 2002.2 | 2015.5 | 2032.1 | 2072.2 | 2095.5 | 2122.3 | 2098.9 | 2025.5 |
| 55° | 1825.3 | 1832.0 | 1825.3 | 1828.6 | 1835.3 | 1845.3 | 1905.3 | 1928.7 | 1978.8 | 1948.7 | 1872.0 |
| 57.5° | 1658.5 | 1648.4 | 1658.5 | 1665.2 | 1668.4 | 1678.5 | 1728.6 | 1771.9 | 1801.9 | 1805.3 | 1711.8 |
| 60° | 1464.9 | 1451.6 | 1464.9 | 1495.0 | 1501.6 | 1508.3 | 1555.0 | 1595.1 | 1621.8 | 1631.7 | 1535.0 |
| 62.5° | 1294.7 | 1271.3 | 1294.7 | 1314.7 | 1328.0 | 1344.8 | 1378.1 | 1438.2 | 1461.5 | 1464.9 | 1328.0 |
| 65° | 1114.5 | 1104.5 | 1114.5 | 1154.6 | 1157.9 | 1177.9 | 1214.7 | 1258.0 | 1308.0 | 1301.4 | 1104.5 |
| 67.5° | 951.0 | 951.0 | 951.0 | 977.7 | 997.7 | 1007.8 | 1054.4 | 1074.4 | 1137.8 | 1144.5 | 921.0 |
| 70° | 800.8 | 797.5 | 800.8 | 820.8 | 834.3 | 857.6 | 901.0 | 924.3 | 974.4 | 991.0 | 747.5 |
| 72.5° | 657.4 | 654.0 | 657.4 | 674.0 | 687.4 | 707.5 | 744.1 | 770.9 | 814.2 | 834.3 | 580.7 |
| 75° | 530.6 | 523.9 | 530.6 | 543.9 | 540.6 | 567.2 | 597.3 | 624.0 | 664.1 | 677.4 | 430.5 |
| 77.5° | 407.1 | 407.1 | 407.1 | 420.4 | 420.4 | 447.2 | 460.5 | 493.9 | 517.3 | 537.3 | 317.0 |
| 80° | 303.7 | 300.3 | 303.7 | 307.0 | 307.0 | 320.4 | 343.7 | 367.1 | 387.1 | 387.1 | 216.9 |
| 82.5° | 213.6 | 206.9 | 213.6 | 213.6 | 213.6 | 220.3 | 233.6 | 240.3 | 253.6 | 263.7 | 136.9 |
| 85° | 133.5 | 133.5 | 133.5 | 136.9 | 133.5 | 140.1 | 143.5 | 150.2 | 150.2 | 143.5 | 83.4 |
| 87.5° | 86.8 | 83.4 | 86.8 | 83.4 | 83.4 | 80.1 | 80.1 | 80.1 | 76.7 | 73.5 | 46.7 |
| 90° | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 51.7 | 68.9 | 77.6 | 66.8 | 45.0 | 28.6 |
| 92.5° | 155.4 | 124.5 | 155.4 | 186.3 | 193.9 | 275.0 | 383.0 | 437.0 | 383.7 | 277.1 | 197.1 |
| 95° | 541.7 | 448.2 | 541.7 | 635.2 | 658.5 | 864.8 | 1139.8 | 1277.3 | 1078.8 | 681.7 | 383.9 |
| 97.5° | 1298.0 | 1120.1 | 1298.0 | 1475.8 | 1520.3 | 1650.7 | 1824.5 | 1911.4 | 1580.4 | 918.3 | 421.7 |
| 100° | 1870.0 | 1658.2 | 1870.0 | 2082.0 | 2135.0 | 2125.4 | 2112.7 | 2106.4 | 1739.0 | 1004.3 | 453.4 |
| 102.5° | 2432.9 | 2251.3 | 2432.9 | 2614.4 | 2659.7 | 2493.7 | 2272.2 | 2161.5 | 1789.0 | 1043.9 | 485.0 |
| 105° | 3150.4 | 3052.9 | 3150.4 | 3248.0 | 3272.3 | 2900.0 | 2403.6 | 2155.4 | 1794.6 | 1073.1 | 531.9 |
| 107.5° | 3620.4 | 3644.0 | 3620.4 | 3596.8 | 3590.9 | 3071.6 | 2379.1 | 2032.8 | 1714.8 | 1078.5 | 601.4 |
| 110° | 3799.6 | 3901.3 | 3799.6 | 3698.0 | 3672.6 | 3092.0 | 2317.9 | 1930.8 | 1644.0 | 1070.4 | 640.2 |



TEST NUMBER: P935793

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CANDELA DISTRIBUTION (continued):

| | 80° | 90° | 100° | 110° | 112.5° | 120° | 130° | 135° | 140° | 150° | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 3815.6 | 3971.7 | 3815.6 | 3659.5 | 3620.5 | 3026.2 | 2234.0 | 1837.8 | 1582.1 | 1070.7 | 687.1 |
| 115° | 3714.5 | 3930.9 | 3714.5 | 3498.0 | 3443.9 | 2871.4 | 2108.2 | 1726.6 | 1511.2 | 1080.6 | 757.5 |
| 117.5° | 3499.9 | 3740.0 | 3499.9 | 3259.9 | 3199.9 | 2683.2 | 1994.4 | 1650.0 | 1466.9 | 1100.7 | 826.0 |
| 120° | 3327.1 | 3560.2 | 3327.1 | 3093.8 | 3035.5 | 2563.4 | 1934.0 | 1619.3 | 1451.9 | 1116.9 | 865.8 |
| 122.5° | 3158.7 | 3388.8 | 3158.7 | 2928.6 | 2871.1 | 2446.1 | 1879.2 | 1595.8 | 1444.0 | 1140.4 | 912.7 |
| 125° | 2918.6 | 3130.5 | 2918.6 | 2706.6 | 2653.6 | 2292.5 | 1811.1 | 1570.3 | 1437.6 | 1172.1 | 973.0 |
| 127.5° | 2702.5 | 2881.3 | 2702.5 | 2523.7 | 2479.0 | 2169.0 | 1755.6 | 1548.9 | 1433.8 | 1203.8 | 1031.3 |
| 130° | 2575.2 | 2740.4 | 2575.2 | 2410.1 | 2368.8 | 2092.8 | 1724.7 | 1540.7 | 1436.1 | 1226.9 | 1070.0 |
| 132.5° | 2459.8 | 2607.7 | 2459.8 | 2311.8 | 2274.8 | 2027.7 | 1698.3 | 1533.5 | 1437.6 | 1245.6 | 1101.7 |
| 135° | 2301.5 | 2429.0 | 2301.5 | 2173.9 | 2142.1 | 1935.1 | 1659.2 | 1521.3 | 1436.2 | 1266.0 | 1138.4 |
| 137.5° | 2174.5 | 2278.9 | 2174.5 | 2070.2 | 2044.1 | 1869.2 | 1635.9 | 1519.2 | 1445.1 | 1296.7 | 1185.4 |
| 140° | 2087.5 | 2185.0 | 2087.5 | 1989.8 | 1965.5 | 1814.3 | 1612.9 | 1512.1 | 1446.6 | 1315.4 | 1217.0 |
| 142.5° | 2015.2 | 2099.2 | 2015.2 | 1931.3 | 1910.3 | 1777.6 | 1600.6 | 1512.1 | 1451.8 | 1331.0 | 1240.5 |
| 145° | 1907.0 | 1970.5 | 1907.0 | 1843.5 | 1827.6 | 1719.1 | 1574.2 | 1501.9 | 1451.8 | 1351.5 | 1276.3 |
| 147.5° | 1824.0 | 1876.7 | 1824.0 | 1771.3 | 1758.2 | 1672.7 | 1558.9 | 1501.9 | 1461.7 | 1381.5 | 1321.2 |
| 150° | 1771.7 | 1814.3 | 1771.7 | 1729.0 | 1718.4 | 1646.2 | 1550.0 | 1501.9 | 1467.0 | 1397.1 | 1344.7 |
| 152.5° | 1727.0 | 1759.2 | 1727.0 | 1694.8 | 1686.8 | 1625.1 | 1543.0 | 1501.9 | 1470.3 | 1407.3 | 1360.0 |
| 155° | 1675.6 | 1696.9 | 1675.6 | 1654.3 | 1649.0 | 1600.0 | 1534.6 | 1501.9 | 1477.8 | 1429.8 | 1393.7 |
| 157.5° | 1635.0 | 1650.0 | 1635.0 | 1620.0 | 1616.3 | 1578.1 | 1527.3 | 1501.9 | 1485.3 | 1452.2 | 1427.3 |
| 160° | 1610.6 | 1619.3 | 1610.6 | 1602.1 | 1599.9 | 1567.2 | 1523.7 | 1501.9 | 1488.8 | 1462.4 | 1442.7 |
| 162.5° | 1594.9 | 1603.0 | 1594.9 | 1586.7 | 1584.6 | 1557.0 | 1520.2 | 1501.9 | 1492.3 | 1473.3 | 1459.0 |
| 165° | 1571.9 | 1580.6 | 1571.9 | 1563.3 | 1561.1 | 1541.4 | 1515.1 | 1501.9 | 1497.5 | 1489.0 | 1482.5 |
| 167.5° | 1555.4 | 1559.1 | 1555.4 | 1551.8 | 1550.9 | 1538.0 | 1520.7 | 1512.1 | 1508.5 | 1501.2 | 1495.8 |
| 170° | 1550.9 | 1550.9 | 1550.9 | 1550.9 | 1550.9 | 1538.0 | 1520.7 | 1512.1 | 1511.9 | 1511.4 | 1511.1 |
| 172.5° | 1538.8 | 1535.6 | 1538.8 | 1542.0 | 1542.8 | 1532.5 | 1518.9 | 1512.1 | 1512.1 | 1512.1 | 1512.1 |
| 175° | 1531.6 | 1531.6 | 1531.6 | 1531.6 | 1531.6 | 1525.0 | 1516.5 | 1512.1 | 1514.2 | 1518.2 | 1521.3 |
| 177.5° | 1524.9 | 1521.3 | 1524.9 | 1528.6 | 1529.5 | 1524.4 | 1517.6 | 1514.2 | 1515.8 | 1518.9 | 1521.3 |
| 180° | 1521.3 | 1521.3 | 1521.3 | 1521.3 | 1521.3 | 1521.3 | 1521.3 | 1521.3 | 1521.3 | 1521.3 | 1521.3 |



TEST NUMBER: P935793

CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-STD-W-8-3000K

CANDELA DISTRIBUTION (continued):

| | 160° | 170° | 180° | 190° | 200° | 202.5° | 210° | 220° | 225° | 230° | 240° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3527.1 | 3527.1 | 3527.1 | 3527.1 | 3527.1 | 3527.1 | 3527.1 | 3527.1 | 3527.1 | 3527.1 | 3527.1 |
| 2.5° | 3577.1 | 3557.1 | 3557.1 | 3523.8 | 3510.5 | 3500.4 | 3483.7 | 3433.6 | 3420.3 | 3406.9 | 3427.0 |
| 5° | 3607.2 | 3570.5 | 3543.8 | 3483.7 | 3433.6 | 3413.6 | 3350.2 | 3230.1 | 3150.1 | 3089.9 | 3056.6 |
| 7.5° | 3613.9 | 3567.2 | 3517.1 | 3423.7 | 3303.5 | 3250.2 | 3056.6 | 2836.3 | 2776.3 | 2722.9 | 2689.5 |
| 10° | 3607.2 | 3553.8 | 3483.7 | 3343.5 | 3060.0 | 2966.5 | 2772.9 | 2629.5 | 2592.8 | 2582.7 | 2592.8 |
| 12.5° | 3583.8 | 3533.7 | 3437.0 | 3203.4 | 2806.4 | 2743.0 | 2629.5 | 2546.0 | 2539.3 | 2556.1 | 2646.1 |
| 15° | 3543.8 | 3497.0 | 3383.7 | 3016.6 | 2666.1 | 2619.5 | 2539.3 | 2509.4 | 2546.0 | 2662.9 | 2933.2 |
| 17.5° | 3503.8 | 3450.3 | 3310.2 | 2833.1 | 2559.4 | 2526.0 | 2469.3 | 2529.4 | 2736.2 | 2893.1 | 2983.1 |
| 20° | 3450.3 | 3386.9 | 3226.8 | 2699.6 | 2482.6 | 2452.6 | 2426.0 | 2696.2 | 2853.1 | 2909.8 | 2959.9 |
| 22.5° | 3386.9 | 3320.3 | 3113.3 | 2606.1 | 2402.6 | 2379.2 | 2395.9 | 2789.7 | 2853.1 | 2893.1 | 2936.5 |
| 25° | 3303.5 | 3246.8 | 2979.9 | 2532.7 | 2339.2 | 2312.5 | 2375.9 | 2779.6 | 2816.3 | 2826.4 | 2913.1 |
| 27.5° | 3226.8 | 3153.3 | 2839.7 | 2466.0 | 2262.4 | 2252.4 | 2392.5 | 2736.2 | 2763.0 | 2772.9 | 2866.4 |
| 30° | 3133.3 | 3023.3 | 2682.9 | 2395.9 | 2182.3 | 2179.0 | 2395.9 | 2682.9 | 2676.2 | 2702.9 | 2796.3 |
| 32.5° | 3036.6 | 2829.7 | 2506.0 | 2309.1 | 2105.6 | 2102.3 | 2372.5 | 2602.7 | 2596.1 | 2632.8 | 2702.9 |
| 35° | 2946.5 | 2679.6 | 2265.7 | 2209.0 | 2008.8 | 2012.1 | 2315.8 | 2509.4 | 2512.7 | 2546.0 | 2589.4 |
| 37.5° | 2853.1 | 2549.4 | 2002.2 | 2098.9 | 1915.4 | 1915.4 | 2239.0 | 2422.6 | 2415.9 | 2426.0 | 2486.0 |
| 40° | 2743.0 | 2345.8 | 1768.6 | 1955.4 | 1828.6 | 1818.6 | 2145.6 | 2329.1 | 2305.8 | 2302.5 | 2385.9 |
| 42.5° | 2626.1 | 2122.3 | 1595.1 | 1765.2 | 1728.6 | 1715.1 | 2032.1 | 2215.7 | 2172.4 | 2182.3 | 2289.1 |
| 45° | 2499.3 | 2062.2 | 1461.5 | 1491.6 | 1625.0 | 1615.1 | 1908.7 | 2085.6 | 2055.5 | 2082.2 | 2192.4 |
| 47.5° | 2372.5 | 1942.0 | 1418.2 | 1238.0 | 1515.0 | 1511.6 | 1771.9 | 1958.8 | 1942.0 | 1968.7 | 2085.6 |
| 50° | 2199.0 | 1808.6 | 1414.8 | 1061.1 | 1391.4 | 1404.9 | 1608.4 | 1835.3 | 1835.3 | 1858.6 | 1982.2 |
| 52.5° | 1975.5 | 1645.0 | 1284.7 | 961.1 | 1248.0 | 1288.0 | 1464.9 | 1728.6 | 1735.2 | 1758.5 | 1868.7 |
| 55° | 1771.9 | 1475.0 | 1191.3 | 884.2 | 1077.8 | 1164.6 | 1324.8 | 1618.4 | 1631.7 | 1655.1 | 1755.2 |
| 57.5° | 1585.0 | 1228.0 | 1171.3 | 794.2 | 921.0 | 1004.4 | 1201.2 | 1511.6 | 1518.2 | 1538.4 | 1635.1 |
| 60° | 1384.8 | 887.6 | 1074.4 | 697.4 | 784.2 | 847.6 | 1087.9 | 1384.8 | 1408.2 | 1421.5 | 1504.9 |
| 62.5° | 1157.9 | 644.1 | 974.4 | 630.6 | 717.4 | 730.8 | 994.4 | 1264.6 | 1294.7 | 1304.8 | 1354.8 |
| 65° | 824.2 | 540.6 | 827.5 | 574.0 | 647.3 | 650.7 | 894.3 | 1141.2 | 1167.9 | 1184.6 | 1221.3 |
| 67.5° | 557.3 | 440.4 | 630.6 | 520.5 | 594.0 | 597.3 | 797.5 | 997.7 | 1034.4 | 1047.8 | 1071.2 |
| 70° | 387.1 | 293.6 | 467.2 | 463.8 | 533.9 | 540.6 | 694.0 | 867.6 | 901.0 | 911.0 | 924.3 |
| 72.5° | 283.7 | 236.9 | 387.1 | 417.1 | 470.5 | 477.2 | 587.3 | 720.8 | 754.1 | 764.2 | 770.9 |
| 75° | 216.9 | 250.2 | 313.6 | 363.7 | 400.4 | 403.8 | 480.5 | 587.3 | 610.6 | 617.3 | 620.7 |
| 77.5° | 173.5 | 233.6 | 230.2 | 293.6 | 327.1 | 320.4 | 377.0 | 453.9 | 473.9 | 473.9 | 473.9 |
| 80° | 130.2 | 183.5 | 173.5 | 210.2 | 240.3 | 233.6 | 270.3 | 323.7 | 330.3 | 337.0 | 333.7 |
| 82.5° | 96.7 | 116.7 | 116.7 | 133.5 | 160.1 | 153.5 | 180.2 | 210.2 | 210.2 | 210.2 | 216.9 |
| 85° | 60.0 | 66.8 | 53.3 | 70.1 | 90.1 | 86.8 | 100.1 | 113.5 | 116.7 | 116.7 | 110.1 |
| 87.5° | 36.7 | 30.1 | 16.7 | 26.7 | 40.0 | 40.0 | 46.7 | 50.1 | 46.7 | 46.7 | 46.7 |
| 90° | 26.5 | 18.4 | 10.3 | 18.4 | 26.5 | 28.6 | 45.0 | 66.8 | 77.6 | 68.9 | 51.7 |
| 92.5° | 179.7 | 110.2 | 40.8 | 110.2 | 179.7 | 197.1 | 277.1 | 383.7 | 437.0 | 383.0 | 275.0 |
| 95° | 352.2 | 225.1 | 98.0 | 225.1 | 352.2 | 383.9 | 681.7 | 1078.8 | 1277.3 | 1139.8 | 864.8 |
| 97.5° | 393.7 | 281.6 | 169.5 | 281.6 | 393.7 | 421.7 | 918.3 | 1580.4 | 1911.4 | 1824.5 | 1650.7 |
| 100° | 427.9 | 326.3 | 224.6 | 326.3 | 427.9 | 453.4 | 1004.3 | 1739.0 | 2106.4 | 2112.7 | 2125.4 |
| 102.5° | 461.3 | 366.4 | 271.5 | 366.4 | 461.3 | 485.0 | 1043.9 | 1789.0 | 2161.5 | 2272.2 | 2493.7 |
| 105° | 511.8 | 431.6 | 351.2 | 431.6 | 511.8 | 531.9 | 1073.1 | 1794.6 | 2155.4 | 2403.6 | 2900.0 |
| 107.5° | 582.6 | 507.8 | 433.0 | 507.8 | 582.6 | 601.4 | 1078.5 | 1714.8 | 2032.8 | 2379.1 | 3071.6 |
| 110° | 623.3 | 555.7 | 488.1 | 555.7 | 623.3 | 640.2 | 1070.4 | 1644.0 | 1930.8 | 2317.9 | 3092.0 |



TEST NUMBER: P935793

CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-STD-W-8-3000K

CANDELA DISTRIBUTION (continued):

| | 160° | 170° | 180° | 190° | 200° | 202.5° | 210° | 220° | 225° | 230° | 240° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 671.1 | 606.6 | 542.2 | 606.6 | 671.1 | 687.1 | 1070.7 | 1582.1 | 1837.8 | 2234.0 | 3026.2 |
| 115° | 742.7 | 683.3 | 623.8 | 683.3 | 742.7 | 757.5 | 1080.6 | 1511.2 | 1726.6 | 2108.2 | 2871.4 |
| 117.5° | 812.5 | 758.5 | 704.5 | 758.5 | 812.5 | 826.0 | 1100.7 | 1466.9 | 1650.0 | 1994.4 | 2683.2 |
| 120° | 853.1 | 802.3 | 751.4 | 802.3 | 853.1 | 865.8 | 1116.9 | 1451.9 | 1619.3 | 1934.0 | 2563.4 |
| 122.5° | 899.9 | 848.7 | 797.4 | 848.7 | 899.9 | 912.7 | 1140.4 | 1444.0 | 1595.8 | 1879.2 | 2446.1 |
| 125° | 961.4 | 914.6 | 867.9 | 914.6 | 961.4 | 973.0 | 1172.1 | 1437.6 | 1570.3 | 1811.1 | 2292.5 |
| 127.5° | 1019.4 | 972.3 | 925.1 | 972.3 | 1019.4 | 1031.3 | 1203.8 | 1433.8 | 1548.9 | 1755.6 | 2169.0 |
| 130° | 1057.3 | 1006.5 | 955.6 | 1006.5 | 1057.3 | 1070.0 | 1226.9 | 1436.1 | 1540.7 | 1724.7 | 2092.8 |
| 132.5° | 1088.9 | 1038.2 | 987.3 | 1038.2 | 1088.9 | 1101.7 | 1245.6 | 1437.6 | 1533.5 | 1698.3 | 2027.7 |
| 135° | 1126.9 | 1080.6 | 1034.3 | 1080.6 | 1126.9 | 1138.4 | 1266.0 | 1436.2 | 1521.3 | 1659.2 | 1935.1 |
| 137.5° | 1173.9 | 1128.1 | 1082.2 | 1128.1 | 1173.9 | 1185.4 | 1296.7 | 1445.1 | 1519.2 | 1635.9 | 1869.2 |
| 140° | 1206.5 | 1164.3 | 1122.1 | 1164.3 | 1206.5 | 1217.0 | 1315.4 | 1446.6 | 1512.1 | 1612.9 | 1814.3 |
| 142.5° | 1230.7 | 1191.8 | 1152.7 | 1191.8 | 1230.7 | 1240.5 | 1331.0 | 1451.8 | 1512.1 | 1600.6 | 1777.6 |
| 145° | 1267.8 | 1233.7 | 1199.7 | 1233.7 | 1267.8 | 1276.3 | 1351.5 | 1451.8 | 1501.9 | 1574.2 | 1719.1 |
| 147.5° | 1313.0 | 1279.8 | 1246.7 | 1279.8 | 1313.0 | 1321.2 | 1381.5 | 1461.7 | 1501.9 | 1558.9 | 1672.7 |
| 150° | 1337.2 | 1307.2 | 1277.3 | 1307.2 | 1337.2 | 1344.7 | 1397.1 | 1467.0 | 1501.9 | 1550.0 | 1646.2 |
| 152.5° | 1354.3 | 1331.6 | 1308.9 | 1331.6 | 1354.3 | 1360.0 | 1407.3 | 1470.3 | 1501.9 | 1543.0 | 1625.1 |
| 155° | 1389.5 | 1372.7 | 1355.9 | 1372.7 | 1389.5 | 1393.7 | 1429.8 | 1477.8 | 1501.9 | 1534.6 | 1600.0 |
| 157.5° | 1423.3 | 1406.9 | 1390.7 | 1406.9 | 1423.3 | 1427.3 | 1452.2 | 1485.3 | 1501.9 | 1527.3 | 1578.1 |
| 160° | 1439.6 | 1426.8 | 1414.1 | 1426.8 | 1439.6 | 1442.7 | 1462.4 | 1488.8 | 1501.9 | 1523.7 | 1567.2 |
| 162.5° | 1456.6 | 1447.1 | 1437.6 | 1447.1 | 1456.6 | 1459.0 | 1473.3 | 1492.3 | 1501.9 | 1520.2 | 1557.0 |
| 165° | 1480.4 | 1471.8 | 1463.1 | 1471.8 | 1480.4 | 1482.5 | 1489.0 | 1497.5 | 1501.9 | 1515.1 | 1541.4 |
| 167.5° | 1494.8 | 1490.6 | 1486.6 | 1490.6 | 1494.8 | 1495.8 | 1501.2 | 1508.5 | 1512.1 | 1520.7 | 1538.0 |
| 170° | 1510.2 | 1506.0 | 1501.9 | 1506.0 | 1510.2 | 1511.1 | 1511.4 | 1511.9 | 1512.1 | 1520.7 | 1538.0 |
| 172.5° | 1511.9 | 1510.9 | 1510.1 | 1510.9 | 1511.9 | 1512.1 | 1512.1 | 1512.1 | 1512.1 | 1518.9 | 1532.5 |
| 175° | 1521.3 | 1521.3 | 1521.3 | 1521.3 | 1521.3 | 1521.3 | 1518.2 | 1514.2 | 1512.1 | 1516.5 | 1525.0 |
| 177.5° | 1521.3 | 1521.3 | 1521.3 | 1521.3 | 1521.3 | 1521.3 | 1518.9 | 1515.8 | 1514.2 | 1517.6 | 1524.4 |
| 180° | 1521.3 | 1521.3 | 1521.3 | 1521.3 | 1521.3 | 1521.3 | 1521.3 | 1521.3 | 1521.3 | 1521.3 | 1521.3 |



TEST NUMBER: P935793

CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-STD-W-8-3000K

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 260° | 270° | 280° | 290° | 292.5° | 300° | 310° | 315° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3527.1 | 3527.1 | 3527.1 | 3527.1 | 3527.1 | 3527.1 | 3527.1 | 3527.1 | 3527.1 | 3527.1 | 3527.1 |
| 2.5° | 3403.7 | 3393.6 | 3406.9 | 3370.2 | 3406.9 | 3393.6 | 3403.7 | 3427.0 | 3406.9 | 3420.3 | 3433.6 |
| 5° | 2986.5 | 2969.8 | 2916.5 | 2873.1 | 2916.5 | 2969.8 | 2986.5 | 3056.6 | 3089.9 | 3150.1 | 3230.1 |
| 7.5° | 2669.5 | 2656.2 | 2642.8 | 2616.2 | 2642.8 | 2656.2 | 2669.5 | 2689.5 | 2722.9 | 2776.3 | 2836.3 |
| 10° | 2599.5 | 2602.7 | 2622.8 | 2619.5 | 2622.8 | 2602.7 | 2599.5 | 2592.8 | 2582.7 | 2592.8 | 2629.5 |
| 12.5° | 2779.6 | 2809.7 | 2919.7 | 2913.1 | 2919.7 | 2809.7 | 2779.6 | 2646.1 | 2556.1 | 2539.3 | 2546.0 |
| 15° | 2986.5 | 2996.6 | 3019.9 | 3023.3 | 3019.9 | 2996.6 | 2986.5 | 2933.2 | 2662.9 | 2546.0 | 2509.4 |
| 17.5° | 3006.5 | 3009.9 | 3026.5 | 3026.5 | 3026.5 | 3009.9 | 3006.5 | 2983.1 | 2893.1 | 2736.2 | 2529.4 |
| 20° | 2989.8 | 2996.6 | 3029.9 | 3036.6 | 3029.9 | 2996.6 | 2989.8 | 2959.9 | 2909.8 | 2853.1 | 2696.2 |
| 22.5° | 2983.1 | 2996.6 | 3023.3 | 3019.9 | 3023.3 | 2996.6 | 2983.1 | 2936.5 | 2893.1 | 2853.1 | 2789.7 |
| 25° | 2949.8 | 2949.8 | 2953.2 | 2956.5 | 2953.2 | 2949.8 | 2949.8 | 2913.1 | 2826.4 | 2816.3 | 2779.6 |
| 27.5° | 2879.7 | 2886.4 | 2906.4 | 2903.1 | 2906.4 | 2886.4 | 2879.7 | 2866.4 | 2772.9 | 2763.0 | 2736.2 |
| 30° | 2816.3 | 2809.7 | 2792.9 | 2779.6 | 2792.9 | 2809.7 | 2816.3 | 2796.3 | 2702.9 | 2676.2 | 2682.9 |
| 32.5° | 2709.5 | 2692.9 | 2676.2 | 2666.1 | 2676.2 | 2692.9 | 2709.5 | 2702.9 | 2632.8 | 2596.1 | 2602.7 |
| 35° | 2582.7 | 2586.1 | 2582.7 | 2572.8 | 2582.7 | 2586.1 | 2582.7 | 2589.4 | 2546.0 | 2512.7 | 2509.4 |
| 37.5° | 2492.7 | 2499.3 | 2496.0 | 2482.6 | 2496.0 | 2499.3 | 2492.7 | 2486.0 | 2426.0 | 2415.9 | 2422.6 |
| 40° | 2399.2 | 2402.6 | 2399.2 | 2389.2 | 2399.2 | 2402.6 | 2399.2 | 2385.9 | 2302.5 | 2305.8 | 2329.1 |
| 42.5° | 2309.1 | 2305.8 | 2295.8 | 2289.1 | 2295.8 | 2305.8 | 2309.1 | 2289.1 | 2182.3 | 2172.4 | 2215.7 |
| 45° | 2205.7 | 2209.0 | 2189.0 | 2179.0 | 2189.0 | 2209.0 | 2205.7 | 2192.4 | 2082.2 | 2055.5 | 2085.6 |
| 47.5° | 2102.3 | 2102.3 | 2085.6 | 2075.5 | 2085.6 | 2102.3 | 2102.3 | 2085.6 | 1968.7 | 1942.0 | 1958.8 |
| 50° | 1992.1 | 1988.8 | 1965.4 | 1962.1 | 1965.4 | 1988.8 | 1992.1 | 1982.2 | 1858.6 | 1835.3 | 1835.3 |
| 52.5° | 1865.3 | 1865.3 | 1868.7 | 1875.4 | 1868.7 | 1865.3 | 1865.3 | 1868.7 | 1758.5 | 1735.2 | 1728.6 |
| 55° | 1755.2 | 1758.5 | 1781.9 | 1788.6 | 1781.9 | 1758.5 | 1755.2 | 1755.2 | 1655.1 | 1631.7 | 1618.4 |
| 57.5° | 1641.8 | 1641.8 | 1658.5 | 1658.5 | 1658.5 | 1641.8 | 1641.8 | 1635.1 | 1538.4 | 1518.2 | 1511.6 |
| 60° | 1511.6 | 1518.2 | 1531.7 | 1528.3 | 1531.7 | 1518.2 | 1511.6 | 1504.9 | 1421.5 | 1408.2 | 1384.8 |
| 62.5° | 1374.8 | 1381.5 | 1384.8 | 1378.1 | 1384.8 | 1381.5 | 1374.8 | 1354.8 | 1304.8 | 1294.7 | 1264.6 |
| 65° | 1231.3 | 1238.0 | 1241.4 | 1234.7 | 1241.4 | 1238.0 | 1231.3 | 1221.3 | 1184.6 | 1167.9 | 1141.2 |
| 67.5° | 1084.5 | 1081.1 | 1077.8 | 1091.2 | 1077.8 | 1081.1 | 1084.5 | 1071.2 | 1047.8 | 1034.4 | 997.7 |
| 70° | 934.3 | 934.3 | 931.0 | 937.7 | 931.0 | 934.3 | 934.3 | 924.3 | 911.0 | 901.0 | 867.6 |
| 72.5° | 774.2 | 770.9 | 784.2 | 774.2 | 784.2 | 770.9 | 774.2 | 770.9 | 764.2 | 754.1 | 720.8 |
| 75° | 617.3 | 624.0 | 617.3 | 627.3 | 617.3 | 624.0 | 617.3 | 620.7 | 617.3 | 610.6 | 587.3 |
| 77.5° | 470.5 | 477.2 | 470.5 | 470.5 | 470.5 | 477.2 | 470.5 | 473.9 | 473.9 | 473.9 | 453.9 |
| 80° | 333.7 | 330.3 | 330.3 | 327.1 | 330.3 | 330.3 | 333.7 | 333.7 | 337.0 | 330.3 | 323.7 |
| 82.5° | 213.6 | 210.2 | 210.2 | 216.9 | 210.2 | 210.2 | 213.6 | 216.9 | 210.2 | 210.2 | 210.2 |
| 85° | 116.7 | 120.1 | 113.5 | 113.5 | 113.5 | 120.1 | 116.7 | 110.1 | 116.7 | 116.7 | 113.5 |
| 87.5° | 43.4 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 43.4 | 46.7 | 46.7 | 46.7 | 50.1 |
| 90° | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 51.7 | 68.9 | 77.6 | 66.8 |
| 92.5° | 193.9 | 186.3 | 155.4 | 124.5 | 155.4 | 186.3 | 193.9 | 275.0 | 383.0 | 437.0 | 383.7 |
| 95° | 658.5 | 635.2 | 541.7 | 448.2 | 541.7 | 635.2 | 658.5 | 864.8 | 1139.8 | 1277.3 | 1078.8 |
| 97.5° | 1520.3 | 1475.8 | 1298.0 | 1120.1 | 1298.0 | 1475.8 | 1520.3 | 1650.7 | 1824.5 | 1911.4 | 1580.4 |
| 100° | 2135.0 | 2082.0 | 1870.0 | 1658.2 | 1870.0 | 2082.0 | 2135.0 | 2125.4 | 2112.7 | 2106.4 | 1739.0 |
| 102.5° | 2659.7 | 2614.4 | 2432.9 | 2251.3 | 2432.9 | 2614.4 | 2659.7 | 2493.7 | 2272.2 | 2161.5 | 1789.0 |
| 105° | 3272.3 | 3248.0 | 3150.4 | 3052.9 | 3150.4 | 3248.0 | 3272.3 | 2900.0 | 2403.6 | 2155.4 | 1794.6 |
| 107.5° | 3590.9 | 3596.8 | 3620.4 | 3644.0 | 3620.4 | 3596.8 | 3590.9 | 3071.6 | 2379.1 | 2032.8 | 1714.8 |
| 110° | 3672.6 | 3698.0 | 3799.6 | 3901.3 | 3799.6 | 3698.0 | 3672.6 | 3092.0 | 2317.9 | 1930.8 | 1644.0 |



TEST NUMBER: P935793

CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-STD-W-8-3000K

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 260° | 270° | 280° | 290° | 292.5° | 300° | 310° | 315° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 3620.5 | 3659.5 | 3815.6 | 3971.7 | 3815.6 | 3659.5 | 3620.5 | 3026.2 | 2234.0 | 1837.8 | 1582.1 |
| 115° | 3443.9 | 3498.0 | 3714.5 | 3930.9 | 3714.5 | 3498.0 | 3443.9 | 2871.4 | 2108.2 | 1726.6 | 1511.2 |
| 117.5° | 3199.9 | 3259.9 | 3499.9 | 3740.0 | 3499.9 | 3259.9 | 3199.9 | 2683.2 | 1994.4 | 1650.0 | 1466.9 |
| 120° | 3035.5 | 3093.8 | 3327.1 | 3560.2 | 3327.1 | 3093.8 | 3035.5 | 2563.4 | 1934.0 | 1619.3 | 1451.9 |
| 122.5° | 2871.1 | 2928.6 | 3158.7 | 3388.8 | 3158.7 | 2928.6 | 2871.1 | 2446.1 | 1879.2 | 1595.8 | 1444.0 |
| 125° | 2653.6 | 2706.6 | 2918.6 | 3130.5 | 2918.6 | 2706.6 | 2653.6 | 2292.5 | 1811.1 | 1570.3 | 1437.6 |
| 127.5° | 2479.0 | 2523.7 | 2702.5 | 2881.3 | 2702.5 | 2523.7 | 2479.0 | 2169.0 | 1755.6 | 1548.9 | 1433.8 |
| 130° | 2368.8 | 2410.1 | 2575.2 | 2740.4 | 2575.2 | 2410.1 | 2368.8 | 2092.8 | 1724.7 | 1540.7 | 1436.1 |
| 132.5° | 2274.8 | 2311.8 | 2459.8 | 2607.7 | 2459.8 | 2311.8 | 2274.8 | 2027.7 | 1698.3 | 1533.5 | 1437.6 |
| 135° | 2142.1 | 2173.9 | 2301.5 | 2429.0 | 2301.5 | 2173.9 | 2142.1 | 1935.1 | 1659.2 | 1521.3 | 1436.2 |
| 137.5° | 2044.1 | 2070.2 | 2174.5 | 2278.9 | 2174.5 | 2070.2 | 2044.1 | 1869.2 | 1635.9 | 1519.2 | 1445.1 |
| 140° | 1965.5 | 1989.8 | 2087.5 | 2185.0 | 2087.5 | 1989.8 | 1965.5 | 1814.3 | 1612.9 | 1512.1 | 1446.6 |
| 142.5° | 1910.3 | 1931.3 | 2015.2 | 2099.2 | 2015.2 | 1931.3 | 1910.3 | 1777.6 | 1600.6 | 1512.1 | 1451.8 |
| 145° | 1827.6 | 1843.5 | 1907.0 | 1970.5 | 1907.0 | 1843.5 | 1827.6 | 1719.1 | 1574.2 | 1501.9 | 1451.8 |
| 147.5° | 1758.2 | 1771.3 | 1824.0 | 1876.7 | 1824.0 | 1771.3 | 1758.2 | 1672.7 | 1558.9 | 1501.9 | 1461.7 |
| 150° | 1718.4 | 1729.0 | 1771.7 | 1814.3 | 1771.7 | 1729.0 | 1718.4 | 1646.2 | 1550.0 | 1501.9 | 1467.0 |
| 152.5° | 1686.8 | 1694.8 | 1727.0 | 1759.2 | 1727.0 | 1694.8 | 1686.8 | 1625.1 | 1543.0 | 1501.9 | 1470.3 |
| 155° | 1649.0 | 1654.3 | 1675.6 | 1696.9 | 1675.6 | 1654.3 | 1649.0 | 1600.0 | 1534.6 | 1501.9 | 1477.8 |
| 157.5° | 1616.3 | 1620.0 | 1635.0 | 1650.0 | 1635.0 | 1620.0 | 1616.3 | 1578.1 | 1527.3 | 1501.9 | 1485.3 |
| 160° | 1599.9 | 1602.1 | 1610.6 | 1619.3 | 1610.6 | 1602.1 | 1599.9 | 1567.2 | 1523.7 | 1501.9 | 1488.8 |
| 162.5° | 1584.6 | 1586.7 | 1594.9 | 1603.0 | 1594.9 | 1586.7 | 1584.6 | 1557.0 | 1520.2 | 1501.9 | 1492.3 |
| 165° | 1561.1 | 1563.3 | 1571.9 | 1580.6 | 1571.9 | 1563.3 | 1561.1 | 1541.4 | 1515.1 | 1501.9 | 1497.5 |
| 167.5° | 1550.9 | 1551.8 | 1555.4 | 1559.1 | 1555.4 | 1551.8 | 1550.9 | 1538.0 | 1520.7 | 1512.1 | 1508.5 |
| 170° | 1550.9 | 1550.9 | 1550.9 | 1550.9 | 1550.9 | 1550.9 | 1550.9 | 1538.0 | 1520.7 | 1512.1 | 1511.9 |
| 172.5° | 1542.8 | 1542.0 | 1538.8 | 1535.6 | 1538.8 | 1542.0 | 1542.8 | 1532.5 | 1518.9 | 1512.1 | 1512.1 |
| 175° | 1531.6 | 1531.6 | 1531.6 | 1531.6 | 1531.6 | 1531.6 | 1531.6 | 1525.0 | 1516.5 | 1512.1 | 1514.2 |
| 177.5° | 1529.5 | 1528.6 | 1524.9 | 1521.3 | 1524.9 | 1528.6 | 1529.5 | 1524.4 | 1517.6 | 1514.2 | 1515.8 |
| 180° | 1521.3 | 1521.3 | 1521.3 | 1521.3 | 1521.3 | 1521.3 | 1521.3 | 1521.3 | 1521.3 | 1521.3 | 1521.3 |



TEST NUMBER: P935793

CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-STD-W-8-3000K

CANDELA DISTRIBUTION (continued):

| | 330° | 337.5° | 340° | 350° | 360° |
|--------|--------|--------|--------|--------|--------|
| 0° | 3527.1 | 3527.1 | 3527.1 | 3527.1 | 3527.1 |
| 2.5° | 3483.7 | 3500.4 | 3510.5 | 3523.8 | 3557.1 |
| 5° | 3350.2 | 3413.6 | 3433.6 | 3483.7 | 3543.8 |
| 7.5° | 3056.6 | 3250.2 | 3303.5 | 3423.7 | 3517.1 |
| 10° | 2772.9 | 2966.5 | 3060.0 | 3343.5 | 3483.7 |
| 12.5° | 2629.5 | 2743.0 | 2806.4 | 3203.4 | 3437.0 |
| 15° | 2539.3 | 2619.5 | 2666.1 | 3016.6 | 3383.7 |
| 17.5° | 2469.3 | 2526.0 | 2559.4 | 2833.1 | 3310.2 |
| 20° | 2426.0 | 2452.6 | 2482.6 | 2699.6 | 3226.8 |
| 22.5° | 2395.9 | 2379.2 | 2402.6 | 2606.1 | 3113.3 |
| 25° | 2375.9 | 2312.5 | 2339.2 | 2532.7 | 2979.9 |
| 27.5° | 2392.5 | 2252.4 | 2262.4 | 2466.0 | 2839.7 |
| 30° | 2395.9 | 2179.0 | 2182.3 | 2395.9 | 2682.9 |
| 32.5° | 2372.5 | 2102.3 | 2105.6 | 2309.1 | 2506.0 |
| 35° | 2315.8 | 2012.1 | 2008.8 | 2209.0 | 2265.7 |
| 37.5° | 2239.0 | 1915.4 | 1915.4 | 2098.9 | 2002.2 |
| 40° | 2145.6 | 1818.6 | 1828.6 | 1955.4 | 1768.6 |
| 42.5° | 2032.1 | 1715.1 | 1728.6 | 1765.2 | 1595.1 |
| 45° | 1908.7 | 1615.1 | 1625.0 | 1491.6 | 1461.5 |
| 47.5° | 1771.9 | 1511.6 | 1515.0 | 1238.0 | 1418.2 |
| 50° | 1608.4 | 1404.9 | 1391.4 | 1061.1 | 1414.8 |
| 52.5° | 1464.9 | 1288.0 | 1248.0 | 961.1 | 1284.7 |
| 55° | 1324.8 | 1164.6 | 1077.8 | 884.2 | 1191.3 |
| 57.5° | 1201.2 | 1004.4 | 921.0 | 794.2 | 1171.3 |
| 60° | 1087.9 | 847.6 | 784.2 | 697.4 | 1074.4 |
| 62.5° | 994.4 | 730.8 | 717.4 | 630.6 | 974.4 |
| 65° | 894.3 | 650.7 | 647.3 | 574.0 | 827.5 |
| 67.5° | 797.5 | 597.3 | 594.0 | 520.5 | 630.6 |
| 70° | 694.0 | 540.6 | 533.9 | 463.8 | 467.2 |
| 72.5° | 587.3 | 477.2 | 470.5 | 417.1 | 387.1 |
| 75° | 480.5 | 403.8 | 400.4 | 363.7 | 313.6 |
| 77.5° | 377.0 | 320.4 | 327.1 | 293.6 | 230.2 |
| 80° | 270.3 | 233.6 | 240.3 | 210.2 | 173.5 |
| 82.5° | 180.2 | 153.5 | 160.1 | 133.5 | 116.7 |
| 85° | 100.1 | 86.8 | 90.1 | 70.1 | 53.3 |
| 87.5° | 46.7 | 40.0 | 40.0 | 26.7 | 16.7 |
| 90° | 45.0 | 28.6 | 26.5 | 18.4 | 10.3 |
| 92.5° | 277.1 | 197.1 | 179.7 | 110.2 | 40.8 |
| 95° | 681.7 | 383.9 | 352.2 | 225.1 | 98.0 |
| 97.5° | 918.3 | 421.7 | 393.7 | 281.6 | 169.5 |
| 100° | 1004.3 | 453.4 | 427.9 | 326.3 | 224.6 |
| 102.5° | 1043.9 | 485.0 | 461.3 | 366.4 | 271.5 |
| 105° | 1073.1 | 531.9 | 511.8 | 431.6 | 351.2 |
| 107.5° | 1078.5 | 601.4 | 582.6 | 507.8 | 433.0 |
| 110° | 1070.4 | 640.2 | 623.3 | 555.7 | 488.1 |



TEST NUMBER: P935793

CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-STD-W-8-3000K

CANDELA DISTRIBUTION (continued):

| | 330° | 337.5° | 340° | 350° | 360° |
|--------|--------|--------|--------|--------|--------|
| 112.5° | 1070.7 | 687.1 | 671.1 | 606.6 | 542.2 |
| 115° | 1080.6 | 757.5 | 742.7 | 683.3 | 623.8 |
| 117.5° | 1100.7 | 826.0 | 812.5 | 758.5 | 704.5 |
| 120° | 1116.9 | 865.8 | 853.1 | 802.3 | 751.4 |
| 122.5° | 1140.4 | 912.7 | 899.9 | 848.7 | 797.4 |
| 125° | 1172.1 | 973.0 | 961.4 | 914.6 | 867.9 |
| 127.5° | 1203.8 | 1031.3 | 1019.4 | 972.3 | 925.1 |
| 130° | 1226.9 | 1070.0 | 1057.3 | 1006.5 | 955.6 |
| 132.5° | 1245.6 | 1101.7 | 1088.9 | 1038.2 | 987.3 |
| 135° | 1266.0 | 1138.4 | 1126.9 | 1080.6 | 1034.3 |
| 137.5° | 1296.7 | 1185.4 | 1173.9 | 1128.1 | 1082.2 |
| 140° | 1315.4 | 1217.0 | 1206.5 | 1164.3 | 1122.1 |
| 142.5° | 1331.0 | 1240.5 | 1230.7 | 1191.8 | 1152.7 |
| 145° | 1351.5 | 1276.3 | 1267.8 | 1233.7 | 1199.7 |
| 147.5° | 1381.5 | 1321.2 | 1313.0 | 1279.8 | 1246.7 |
| 150° | 1397.1 | 1344.7 | 1337.2 | 1307.2 | 1277.3 |
| 152.5° | 1407.3 | 1360.0 | 1354.3 | 1331.6 | 1308.9 |
| 155° | 1429.8 | 1393.7 | 1389.5 | 1372.7 | 1355.9 |
| 157.5° | 1452.2 | 1427.3 | 1423.3 | 1406.9 | 1390.7 |
| 160° | 1462.4 | 1442.7 | 1439.6 | 1426.8 | 1414.1 |
| 162.5° | 1473.3 | 1459.0 | 1456.6 | 1447.1 | 1437.6 |
| 165° | 1489.0 | 1482.5 | 1480.4 | 1471.8 | 1463.1 |
| 167.5° | 1501.2 | 1495.8 | 1494.8 | 1490.6 | 1486.6 |
| 170° | 1511.4 | 1511.1 | 1510.2 | 1506.0 | 1501.9 |
| 172.5° | 1512.1 | 1512.1 | 1511.9 | 1510.9 | 1510.1 |
| 175° | 1518.2 | 1521.3 | 1521.3 | 1521.3 | 1521.3 |
| 177.5° | 1518.9 | 1521.3 | 1521.3 | 1521.3 | 1521.3 |
| 180° | 1521.3 | 1521.3 | 1521.3 | 1521.3 | 1521.3 |



TEST NUMBER: P935793
 CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-STD-W-8-3000K

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 | 14.34 | 15.19 | 15.32 | 16.17 | 17.47 | 17.18 | 18.03 | 18.15 | 19.01 | 20.31 |
| | 3H | 14.82 | 15.58 | 15.80 | 16.57 | 17.89 | 18.53 | 19.28 | 19.51 | 20.28 | 21.60 |
| | 4H | 15.01 | 15.73 | 16.01 | 16.72 | 18.05 | 18.97 | 19.69 | 19.97 | 20.69 | 22.02 |
| | 6H | 15.13 | 15.79 | 16.14 | 16.79 | 18.13 | 19.26 | 19.92 | 20.27 | 20.92 | 22.26 |
| | 8H | 15.13 | 15.76 | 16.14 | 16.78 | 18.11 | 19.33 | 19.96 | 20.35 | 20.98 | 22.32 |
| | 12H | 15.10 | 15.70 | 16.12 | 16.71 | 18.07 | 19.37 | 19.97 | 20.39 | 20.98 | 22.35 |
| 4H | 2H | 15.38 | 16.09 | 16.38 | 17.09 | 18.42 | 17.59 | 18.30 | 18.59 | 19.30 | 20.63 |
| | 3H | 16.40 | 17.00 | 17.41 | 18.03 | 19.37 | 19.09 | 19.69 | 20.11 | 20.72 | 22.06 |
| | 4H | 16.68 | 17.22 | 17.70 | 18.24 | 19.61 | 19.62 | 20.17 | 20.64 | 21.19 | 22.55 |
| | 6H | 16.80 | 17.27 | 17.83 | 18.31 | 19.68 | 19.99 | 20.46 | 21.02 | 21.50 | 22.86 |
| | 8H | 16.81 | 17.24 | 17.84 | 18.28 | 19.66 | 20.10 | 20.54 | 21.13 | 21.57 | 22.95 |
| | 12H | 16.77 | 17.17 | 17.82 | 18.22 | 19.60 | 20.15 | 20.55 | 21.21 | 21.60 | 22.98 |
| 8H | 4H | 17.13 | 17.57 | 18.16 | 18.61 | 19.98 | 19.75 | 20.18 | 20.78 | 21.22 | 22.60 |
| | 6H | 17.39 | 17.75 | 18.45 | 18.83 | 20.21 | 20.18 | 20.55 | 21.24 | 21.63 | 23.00 |
| | 8H | 17.43 | 17.75 | 18.50 | 18.82 | 20.21 | 20.34 | 20.66 | 21.40 | 21.72 | 23.11 |
| | 12H | 17.42 | 17.70 | 18.48 | 18.76 | 20.19 | 20.44 | 20.72 | 21.50 | 21.78 | 23.21 |
| 12H | 4H | 17.14 | 17.53 | 18.19 | 18.58 | 19.96 | 19.71 | 20.11 | 20.76 | 21.16 | 22.54 |
| | 6H | 17.45 | 17.77 | 18.52 | 18.83 | 20.23 | 20.18 | 20.50 | 21.24 | 21.56 | 22.96 |
| | 8H | 17.52 | 17.80 | 18.59 | 18.86 | 20.29 | 20.34 | 20.62 | 21.41 | 21.68 | 23.12 |