

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: P936199

Luminaire Tested: SQ4-FA-150U-125D-B35-1D-UNV-STD-W-6

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P936199
REPORT IS A COMBINATION OF REPORTS P933783 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-150U-125D-B35-1D-UNV-STD-W-6
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

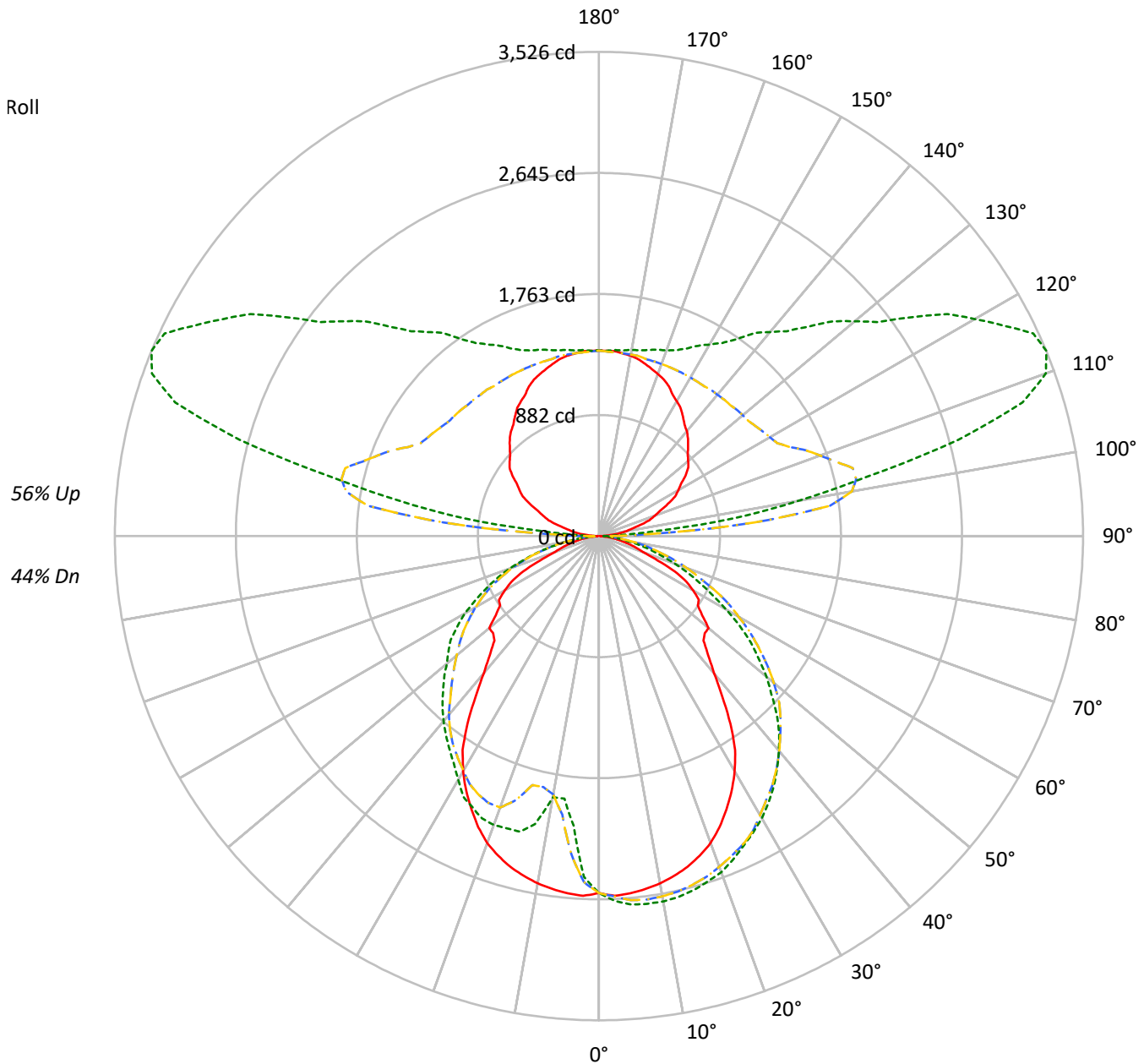
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 15502.1 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: 6' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 124.8
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: P936199
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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 | | | | 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 | 106 | 106 | 106 | 106 | 97 | 97 | 97 | 97 | 80 | 80 | 80 | 64 | 64 | 64 | 50 | 50 | 50 | 44 | 44 | 44 | 44 |
| 1 | 96 | 92 | 88 | 85 | 88 | 84 | 81 | 78 | 70 | 68 | 66 | 57 | 55 | 54 | 44 | 43 | 42 | 37 | 37 | 37 | 37 |
| 2 | 88 | 80 | 74 | 69 | 80 | 74 | 69 | 64 | 61 | 58 | 54 | 50 | 47 | 45 | 39 | 37 | 36 | 31 | 31 | 31 | 31 |
| 3 | 80 | 71 | 63 | 58 | 73 | 65 | 59 | 54 | 54 | 49 | 46 | 44 | 41 | 38 | 35 | 32 | 30 | 26 | 26 | 26 | 26 |
| 4 | 73 | 63 | 55 | 49 | 67 | 57 | 51 | 45 | 48 | 43 | 39 | 39 | 35 | 32 | 31 | 28 | 26 | 22 | 22 | 22 | 22 |
| 5 | 67 | 56 | 48 | 42 | 61 | 51 | 44 | 39 | 43 | 37 | 33 | 35 | 31 | 28 | 28 | 25 | 23 | 19 | 19 | 19 | 19 |
| 6 | 62 | 50 | 42 | 36 | 56 | 46 | 39 | 34 | 39 | 33 | 29 | 32 | 28 | 24 | 25 | 22 | 20 | 17 | 17 | 17 | 17 |
| 7 | 57 | 45 | 37 | 31 | 52 | 41 | 34 | 29 | 35 | 29 | 25 | 29 | 25 | 22 | 23 | 20 | 18 | 15 | 15 | 15 | 15 |
| 8 | 53 | 41 | 33 | 28 | 48 | 38 | 31 | 26 | 32 | 26 | 23 | 26 | 22 | 19 | 21 | 18 | 16 | 13 | 13 | 13 | 13 |
| 9 | 49 | 37 | 30 | 25 | 45 | 34 | 28 | 23 | 29 | 24 | 20 | 24 | 20 | 17 | 19 | 16 | 14 | 12 | 12 | 12 | 12 |
| 10 | 46 | 34 | 27 | 22 | 42 | 31 | 25 | 21 | 27 | 22 | 18 | 22 | 18 | 16 | 18 | 15 | 13 | 11 | 11 | 11 | 11 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 16082 | 16082 | 16082 | 16082 |
| 5° | 16196 | 16233 | 16196 | 12765 |
| 10° | 16082 | 15991 | 16082 | 11432 |
| 15° | 15901 | 15645 | 15901 | 13063 |
| 20° | 15562 | 15234 | 15562 | 13091 |
| 25° | 14875 | 14636 | 14875 | 12813 |
| 30° | 13990 | 14139 | 13990 | 12205 |
| 35° | 12466 | 13510 | 12466 | 11535 |
| 40° | 10381 | 12770 | 10381 | 11030 |
| 45° | 9269 | 11904 | 9269 | 10448 |
| 50° | 9840 | 10870 | 9840 | 9864 |
| 55° | 9249 | 9757 | 9249 | 9526 |
| 60° | 9524 | 8287 | 9524 | 8726 |
| 65° | 8621 | 6851 | 8621 | 7658 |
| 70° | 5955 | 5459 | 5955 | 6419 |
| 75° | 5202 | 4035 | 5202 | 4833 |
| 80° | 4163 | 2667 | 4163 | 2905 |
| 85° | 2343 | 1413 | 2343 | 1201 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 14216 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 234.7 | 1.5 |
| 10°-20° | 666.3 | 4.3 |
| 20°-30° | 1029.9 | 6.6 |
| 30°-40° | 1229.5 | 7.9 |
| 40°-50° | 1236.7 | 8.0 |
| 50°-60° | 1076.1 | 6.9 |
| 60°-70° | 763.0 | 4.9 |
| 70°-80° | 403.7 | 2.6 |
| 80°-90° | 105.7 | 0.7 |
| 90°-100° | 658.4 | 4.2 |
| 100°-110° | 1731.1 | 11.2 |
| 110°-120° | 1794.9 | 11.6 |
| 120°-130° | 1439.7 | 9.3 |
| 130°-140° | 1129.7 | 7.3 |
| 140°-150° | 867.1 | 5.6 |
| 150°-160° | 624.4 | 4.0 |
| 160°-170° | 382.1 | 2.5 |
| 170°-180° | 129.1 | 0.8 |
| 0°-30° | 1930.9 | 12.5 |
| 0°-40° | 3160.4 | 20.4 |
| 0°-60° | 5473.2 | 35.3 |
| 0°-90° | 6745.5 | 43.5 |
| 90°-120° | 4184.4 | 27.0 |
| 90°-150° | 7621.0 | 49.2 |
| 90°-180° | 8757.0 | 56.5 |
| 0°-180° | 15502.1 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 2600 | 2600 | 2600 | 2600 | 2600 | |
| 5° | 2612 | 2693 | 2612 | 2118 | 2612 | 248 |
| 15° | 2494 | 2668 | 2494 | 2228 | 2494 | 702 |
| 25° | 2196 | 2489 | 2196 | 2179 | 2196 | 1008 |
| 35° | 1670 | 2221 | 1670 | 1896 | 1670 | 1033 |
| 45° | 1077 | 1830 | 1077 | 1606 | 1077 | 863 |
| 55° | 878 | 1350 | 878 | 1318 | 878 | 807 |
| 65° | 610 | 814 | 610 | 910 | 610 | 583 |
| 75° | 231 | 386 | 231 | 462 | 231 | 243 |
| 85° | 39 | 98 | 39 | 84 | 39 | 53 |
| 90° | 9 | 34 | 9 | 34 | 9 | 9 |
| 95° | 87 | 398 | 87 | 398 | 87 | 97 |
| 105° | 312 | 2711 | 312 | 2711 | 312 | 331 |
| 115° | 554 | 3490 | 554 | 3490 | 554 | 547 |
| 125° | 770 | 2780 | 770 | 2780 | 770 | 684 |
| 135° | 918 | 2157 | 918 | 2157 | 918 | 711 |
| 145° | 1065 | 1750 | 1065 | 1750 | 1065 | 667 |
| 155° | 1204 | 1507 | 1204 | 1507 | 1204 | 553 |
| 165° | 1299 | 1403 | 1299 | 1403 | 1299 | 367 |
| 175° | 1351 | 1360 | 1351 | 1360 | 1351 | 128 |
| 180° | 1351 | 1351 | 1351 | 1351 | 1351 | |



TEST NUMBER: P936199
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CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2599.6 | 2599.6 | 2599.6 | 2599.6 | 2599.6 | 2599.6 | 2599.6 | 2599.6 | 2599.6 | 2599.6 | 2599.6 |
| 2.5° | 2621.7 | 2621.7 | 2636.6 | 2641.4 | 2641.4 | 2634.0 | 2626.7 | 2634.0 | 2656.2 | 2663.6 | 2661.1 |
| 5° | 2611.9 | 2631.6 | 2658.6 | 2663.6 | 2668.5 | 2666.0 | 2661.1 | 2666.0 | 2690.6 | 2695.6 | 2698.0 |
| 7.5° | 2592.3 | 2629.1 | 2663.6 | 2671.0 | 2678.3 | 2671.0 | 2668.5 | 2673.4 | 2698.0 | 2702.9 | 2702.9 |
| 10° | 2567.7 | 2619.3 | 2658.6 | 2663.6 | 2671.0 | 2663.6 | 2663.6 | 2673.4 | 2698.0 | 2702.9 | 2705.4 |
| 12.5° | 2533.3 | 2604.6 | 2641.4 | 2646.3 | 2656.2 | 2653.7 | 2651.3 | 2661.1 | 2685.7 | 2690.6 | 2690.6 |
| 15° | 2493.9 | 2577.4 | 2611.9 | 2616.9 | 2634.0 | 2629.1 | 2629.1 | 2639.0 | 2666.0 | 2673.4 | 2671.0 |
| 17.5° | 2439.7 | 2543.0 | 2582.4 | 2589.7 | 2602.1 | 2599.6 | 2602.1 | 2611.9 | 2636.6 | 2641.4 | 2643.9 |
| 20° | 2378.3 | 2496.3 | 2543.0 | 2550.4 | 2562.7 | 2562.7 | 2562.7 | 2575.0 | 2599.6 | 2609.4 | 2609.4 |
| 22.5° | 2294.7 | 2447.1 | 2496.3 | 2501.3 | 2516.0 | 2516.0 | 2521.0 | 2538.1 | 2560.3 | 2562.7 | 2562.7 |
| 25° | 2196.2 | 2393.0 | 2434.8 | 2449.6 | 2464.4 | 2471.7 | 2479.1 | 2489.0 | 2496.3 | 2493.9 | 2496.3 |
| 27.5° | 2092.9 | 2324.1 | 2378.3 | 2388.1 | 2407.8 | 2415.1 | 2425.0 | 2427.4 | 2430.0 | 2437.3 | 2432.4 |
| 30° | 1977.3 | 2228.2 | 2309.4 | 2319.2 | 2351.2 | 2356.1 | 2346.3 | 2351.2 | 2363.5 | 2368.4 | 2373.4 |
| 32.5° | 1847.0 | 2085.6 | 2238.1 | 2260.2 | 2289.7 | 2275.0 | 2272.5 | 2279.9 | 2299.5 | 2299.5 | 2304.5 |
| 35° | 1670.0 | 1974.9 | 2171.7 | 2191.4 | 2213.5 | 2196.2 | 2206.1 | 2208.5 | 2220.9 | 2228.2 | 2225.8 |
| 37.5° | 1475.7 | 1879.0 | 2102.8 | 2117.6 | 2134.8 | 2112.6 | 2127.4 | 2134.8 | 2144.6 | 2139.7 | 2139.7 |
| 40° | 1303.5 | 1729.0 | 2021.6 | 2031.5 | 2046.2 | 2029.0 | 2043.8 | 2048.8 | 2053.6 | 2048.8 | 2046.2 |
| 42.5° | 1175.6 | 1564.2 | 1935.6 | 1947.9 | 1938.0 | 1950.3 | 1955.2 | 1965.1 | 1957.7 | 1947.9 | 1947.9 |
| 45° | 1077.2 | 1520.0 | 1842.1 | 1856.9 | 1842.1 | 1861.8 | 1869.2 | 1869.2 | 1847.0 | 1842.1 | 1839.6 |
| 47.5° | 1045.3 | 1431.4 | 1748.7 | 1748.7 | 1741.3 | 1765.9 | 1778.2 | 1761.0 | 1738.8 | 1731.4 | 1731.4 |
| 50° | 1042.8 | 1333.1 | 1620.7 | 1611.0 | 1645.4 | 1674.9 | 1662.6 | 1645.4 | 1628.1 | 1601.1 | 1601.1 |
| 52.5° | 946.9 | 1212.5 | 1456.0 | 1492.8 | 1547.0 | 1564.2 | 1544.5 | 1527.3 | 1497.8 | 1485.5 | 1475.7 |
| 55° | 878.0 | 1087.0 | 1305.9 | 1379.8 | 1436.3 | 1458.4 | 1421.5 | 1404.4 | 1360.1 | 1352.7 | 1347.8 |
| 57.5° | 863.3 | 905.0 | 1168.2 | 1261.7 | 1330.5 | 1328.1 | 1305.9 | 1273.9 | 1237.1 | 1229.8 | 1227.2 |
| 60° | 792.0 | 654.2 | 1020.6 | 1131.3 | 1202.6 | 1195.3 | 1175.6 | 1146.1 | 1111.6 | 1106.8 | 1101.8 |
| 62.5° | 718.1 | 474.7 | 853.4 | 978.9 | 1079.7 | 1077.2 | 1060.0 | 1015.7 | 991.2 | 978.9 | 969.0 |
| 65° | 610.0 | 398.5 | 607.5 | 814.1 | 959.2 | 964.1 | 927.2 | 895.3 | 868.2 | 853.4 | 851.0 |
| 67.5° | 464.8 | 324.6 | 410.8 | 678.8 | 843.6 | 838.7 | 792.0 | 777.1 | 742.7 | 735.4 | 720.6 |
| 70° | 344.3 | 216.5 | 285.3 | 550.9 | 730.4 | 718.1 | 681.3 | 664.1 | 632.1 | 614.8 | 605.0 |
| 72.5° | 285.3 | 174.6 | 209.0 | 427.9 | 614.8 | 600.1 | 568.1 | 548.5 | 521.4 | 506.7 | 496.8 |
| 75° | 231.2 | 184.5 | 159.9 | 317.3 | 499.2 | 489.4 | 459.9 | 440.2 | 418.1 | 398.5 | 400.9 |
| 77.5° | 169.7 | 172.2 | 127.9 | 233.6 | 395.9 | 381.2 | 364.0 | 339.4 | 329.6 | 309.9 | 309.9 |
| 80° | 127.9 | 135.3 | 95.9 | 159.9 | 285.3 | 285.3 | 270.5 | 253.3 | 236.1 | 226.3 | 226.3 |
| 82.5° | 86.0 | 86.0 | 71.3 | 100.9 | 194.3 | 186.9 | 177.0 | 172.2 | 162.3 | 157.4 | 157.4 |
| 85° | 39.3 | 49.2 | 44.3 | 61.5 | 105.7 | 110.7 | 110.7 | 105.7 | 103.3 | 98.4 | 100.9 |
| 87.5° | 12.3 | 22.1 | 27.0 | 34.4 | 54.1 | 56.6 | 59.0 | 59.0 | 59.0 | 61.5 | 61.5 |
| 90° | 9.1 | 16.4 | 23.5 | 25.4 | 39.9 | 59.2 | 68.9 | 61.2 | 45.9 | 34.5 | 34.5 |
| 92.5° | 36.2 | 97.9 | 159.6 | 175.0 | 246.0 | 340.7 | 388.0 | 340.0 | 244.2 | 172.3 | 165.4 |
| 95° | 87.0 | 199.8 | 312.7 | 340.9 | 605.3 | 957.9 | 1134.1 | 1012.0 | 767.8 | 584.7 | 564.0 |
| 97.5° | 150.5 | 250.0 | 349.5 | 374.4 | 815.3 | 1403.2 | 1697.1 | 1620.0 | 1465.6 | 1349.9 | 1310.4 |
| 100° | 199.4 | 289.7 | 379.9 | 402.5 | 891.8 | 1544.1 | 1870.3 | 1875.9 | 1887.2 | 1895.7 | 1848.7 |
| 102.5° | 241.2 | 325.4 | 409.6 | 430.6 | 926.8 | 1588.4 | 1919.2 | 2017.5 | 2214.1 | 2361.5 | 2321.2 |
| 105° | 311.8 | 383.1 | 454.5 | 472.3 | 952.8 | 1593.4 | 1913.8 | 2134.1 | 2574.9 | 2905.5 | 2883.8 |
| 107.5° | 384.4 | 450.9 | 517.3 | 533.9 | 957.6 | 1522.5 | 1805.0 | 2112.4 | 2727.3 | 3188.4 | 3193.6 |
| 110° | 433.3 | 493.4 | 553.4 | 568.4 | 950.4 | 1459.6 | 1714.3 | 2058.0 | 2745.4 | 3260.9 | 3283.5 |



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CANDELA DISTRIBUTION (continued):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 481.4 | 538.6 | 595.7 | 610.1 | 950.7 | 1404.8 | 1631.8 | 1983.5 | 2687.0 | 3214.7 | 3249.3 |
| 115° | 553.9 | 606.7 | 659.5 | 672.7 | 959.4 | 1341.8 | 1533.0 | 1871.8 | 2549.5 | 3057.8 | 3105.8 |
| 117.5° | 625.5 | 673.5 | 721.4 | 733.4 | 977.3 | 1302.4 | 1465.0 | 1770.8 | 2382.4 | 2841.1 | 2894.4 |
| 120° | 667.3 | 712.4 | 757.6 | 768.8 | 991.8 | 1289.2 | 1437.8 | 1717.3 | 2276.1 | 2695.2 | 2746.9 |
| 122.5° | 708.0 | 753.6 | 799.1 | 810.5 | 1012.6 | 1282.2 | 1417.0 | 1668.6 | 2171.8 | 2549.2 | 2600.3 |
| 125° | 770.5 | 812.0 | 853.6 | 864.0 | 1040.7 | 1276.5 | 1394.3 | 1608.1 | 2035.5 | 2356.1 | 2403.1 |
| 127.5° | 821.3 | 863.2 | 905.1 | 915.6 | 1068.8 | 1273.1 | 1375.2 | 1558.7 | 1925.8 | 2201.1 | 2240.8 |
| 130° | 848.6 | 893.7 | 938.9 | 950.1 | 1089.4 | 1275.2 | 1368.0 | 1531.4 | 1858.2 | 2103.2 | 2139.8 |
| 132.5° | 876.7 | 921.8 | 967.0 | 978.2 | 1106.0 | 1276.5 | 1361.6 | 1507.9 | 1800.4 | 2019.8 | 2052.6 |
| 135° | 918.3 | 959.4 | 1000.6 | 1010.9 | 1124.1 | 1275.2 | 1350.8 | 1473.3 | 1718.2 | 1902.0 | 1930.2 |
| 137.5° | 961.0 | 1001.7 | 1042.4 | 1052.5 | 1151.4 | 1283.1 | 1348.9 | 1452.5 | 1659.6 | 1814.9 | 1838.1 |
| 140° | 996.3 | 1033.8 | 1071.2 | 1080.6 | 1167.9 | 1284.4 | 1342.6 | 1432.1 | 1611.0 | 1745.2 | 1766.8 |
| 142.5° | 1023.5 | 1058.1 | 1092.8 | 1101.5 | 1181.9 | 1289.1 | 1342.6 | 1421.2 | 1578.3 | 1696.1 | 1714.7 |
| 145° | 1065.2 | 1095.5 | 1125.7 | 1133.2 | 1200.0 | 1289.1 | 1333.5 | 1397.8 | 1526.4 | 1622.8 | 1636.8 |
| 147.5° | 1106.9 | 1136.3 | 1165.7 | 1173.1 | 1226.6 | 1297.9 | 1333.5 | 1384.1 | 1485.2 | 1561.1 | 1572.8 |
| 150° | 1134.1 | 1160.7 | 1187.2 | 1193.9 | 1240.4 | 1302.5 | 1333.5 | 1376.3 | 1461.6 | 1525.7 | 1535.2 |
| 152.5° | 1162.2 | 1182.4 | 1202.5 | 1207.6 | 1249.5 | 1305.5 | 1333.5 | 1370.0 | 1442.9 | 1497.6 | 1504.8 |
| 155° | 1203.9 | 1218.8 | 1233.7 | 1237.4 | 1269.5 | 1312.2 | 1333.5 | 1362.5 | 1420.6 | 1464.1 | 1468.8 |
| 157.5° | 1234.7 | 1249.2 | 1263.8 | 1267.4 | 1289.4 | 1318.8 | 1333.5 | 1356.1 | 1401.3 | 1435.1 | 1438.4 |
| 160° | 1255.6 | 1266.9 | 1278.1 | 1280.9 | 1298.5 | 1321.8 | 1333.5 | 1352.9 | 1391.6 | 1420.6 | 1422.5 |
| 162.5° | 1276.5 | 1284.9 | 1293.3 | 1295.5 | 1308.1 | 1325.1 | 1333.5 | 1349.8 | 1382.5 | 1407.0 | 1408.8 |
| 165° | 1299.1 | 1306.8 | 1314.4 | 1316.3 | 1322.0 | 1329.7 | 1333.5 | 1345.3 | 1368.6 | 1386.2 | 1388.1 |
| 167.5° | 1320.0 | 1323.6 | 1327.2 | 1328.1 | 1333.0 | 1339.4 | 1342.6 | 1350.3 | 1365.6 | 1377.0 | 1377.8 |
| 170° | 1333.5 | 1337.1 | 1340.8 | 1341.7 | 1342.0 | 1342.5 | 1342.6 | 1350.3 | 1365.6 | 1377.0 | 1377.0 |
| 172.5° | 1340.8 | 1341.6 | 1342.5 | 1342.6 | 1342.6 | 1342.6 | 1342.6 | 1348.7 | 1360.8 | 1369.8 | 1369.1 |
| 175° | 1350.8 | 1350.8 | 1350.8 | 1350.8 | 1348.1 | 1344.5 | 1342.6 | 1346.4 | 1354.1 | 1359.8 | 1359.8 |
| 177.5° | 1350.8 | 1350.8 | 1350.8 | 1350.8 | 1348.7 | 1345.8 | 1344.4 | 1347.4 | 1353.5 | 1358.1 | 1357.3 |
| 180° | 1350.8 | 1350.8 | 1350.8 | 1350.8 | 1350.8 | 1350.8 | 1350.8 | 1350.8 | 1350.8 | 1350.8 | 1350.8 |



TEST NUMBER: P936199

CATALOG NUMBER: SQ4-FA-150U-125D-B35-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

| | 80° | 90° | 100° | 110° | 112.5° | 120° | 130° | 135° | 140° | 150° | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2599.6 | 2599.6 | 2599.6 | 2599.6 | 2599.6 | 2599.6 | 2599.6 | 2599.6 | 2599.6 | 2599.6 | 2599.6 |
| 2.5° | 2666.0 | 2658.6 | 2666.0 | 2661.1 | 2663.6 | 2656.2 | 2634.0 | 2626.7 | 2634.0 | 2641.4 | 2641.4 |
| 5° | 2698.0 | 2693.0 | 2698.0 | 2698.0 | 2695.6 | 2690.6 | 2666.0 | 2661.1 | 2666.0 | 2668.5 | 2663.6 |
| 7.5° | 2707.9 | 2700.5 | 2707.9 | 2702.9 | 2702.9 | 2698.0 | 2673.4 | 2668.5 | 2671.0 | 2678.3 | 2671.0 |
| 10° | 2707.9 | 2700.5 | 2707.9 | 2705.4 | 2702.9 | 2698.0 | 2673.4 | 2663.6 | 2663.6 | 2671.0 | 2663.6 |
| 12.5° | 2695.6 | 2690.6 | 2695.6 | 2690.6 | 2690.6 | 2685.7 | 2661.1 | 2651.3 | 2653.7 | 2656.2 | 2646.3 |
| 15° | 2675.9 | 2668.5 | 2675.9 | 2671.0 | 2673.4 | 2666.0 | 2639.0 | 2629.1 | 2629.1 | 2634.0 | 2616.9 |
| 17.5° | 2646.3 | 2636.6 | 2646.3 | 2643.9 | 2641.4 | 2636.6 | 2611.9 | 2602.1 | 2599.6 | 2602.1 | 2589.7 |
| 20° | 2611.9 | 2604.6 | 2611.9 | 2609.4 | 2609.4 | 2599.6 | 2575.0 | 2562.7 | 2562.7 | 2562.7 | 2550.4 |
| 22.5° | 2557.8 | 2550.4 | 2557.8 | 2562.7 | 2562.7 | 2560.3 | 2538.1 | 2521.0 | 2516.0 | 2516.0 | 2501.3 |
| 25° | 2496.3 | 2489.0 | 2496.3 | 2496.3 | 2493.9 | 2496.3 | 2489.0 | 2479.1 | 2471.7 | 2464.4 | 2449.6 |
| 27.5° | 2437.3 | 2432.4 | 2437.3 | 2432.4 | 2437.3 | 2430.0 | 2427.4 | 2425.0 | 2415.1 | 2407.8 | 2388.1 |
| 30° | 2378.3 | 2373.4 | 2378.3 | 2373.4 | 2368.4 | 2363.5 | 2351.2 | 2346.3 | 2356.1 | 2351.2 | 2319.2 |
| 32.5° | 2304.5 | 2299.5 | 2304.5 | 2304.5 | 2299.5 | 2299.5 | 2279.9 | 2272.5 | 2275.0 | 2289.7 | 2260.2 |
| 35° | 2228.2 | 2220.9 | 2228.2 | 2225.8 | 2228.2 | 2220.9 | 2208.5 | 2206.1 | 2196.2 | 2213.5 | 2191.4 |
| 37.5° | 2139.7 | 2132.3 | 2139.7 | 2139.7 | 2139.7 | 2144.6 | 2134.8 | 2127.4 | 2112.6 | 2134.8 | 2117.6 |
| 40° | 2048.8 | 2038.9 | 2048.8 | 2046.2 | 2048.8 | 2053.6 | 2048.8 | 2043.8 | 2029.0 | 2046.2 | 2031.5 |
| 42.5° | 1945.5 | 1942.9 | 1945.5 | 1947.9 | 1947.9 | 1957.7 | 1965.1 | 1955.2 | 1950.3 | 1938.0 | 1947.9 |
| 45° | 1834.7 | 1829.9 | 1834.7 | 1839.6 | 1842.1 | 1847.0 | 1869.2 | 1869.2 | 1861.8 | 1842.1 | 1856.9 |
| 47.5° | 1716.7 | 1704.4 | 1716.7 | 1731.4 | 1731.4 | 1738.8 | 1761.0 | 1778.2 | 1765.9 | 1741.3 | 1748.7 |
| 50° | 1591.3 | 1593.7 | 1591.3 | 1601.1 | 1601.1 | 1628.1 | 1645.4 | 1662.6 | 1674.9 | 1645.4 | 1611.0 |
| 52.5° | 1468.3 | 1465.8 | 1468.3 | 1475.7 | 1485.5 | 1497.8 | 1527.3 | 1544.5 | 1564.2 | 1547.0 | 1492.8 |
| 55° | 1345.3 | 1350.2 | 1345.3 | 1347.8 | 1352.7 | 1360.1 | 1404.4 | 1421.5 | 1458.4 | 1436.3 | 1379.8 |
| 57.5° | 1222.3 | 1214.9 | 1222.3 | 1227.2 | 1229.8 | 1237.1 | 1273.9 | 1305.9 | 1328.1 | 1330.5 | 1261.7 |
| 60° | 1079.7 | 1069.9 | 1079.7 | 1101.8 | 1106.8 | 1111.6 | 1146.1 | 1175.6 | 1195.3 | 1202.6 | 1131.3 |
| 62.5° | 954.3 | 937.0 | 954.3 | 969.0 | 978.9 | 991.2 | 1015.7 | 1060.0 | 1077.2 | 1079.7 | 978.9 |
| 65° | 821.4 | 814.1 | 821.4 | 851.0 | 853.4 | 868.2 | 895.3 | 927.2 | 964.1 | 959.2 | 814.1 |
| 67.5° | 701.0 | 701.0 | 701.0 | 720.6 | 735.4 | 742.7 | 777.1 | 792.0 | 838.7 | 843.6 | 678.8 |
| 70° | 590.2 | 587.8 | 590.2 | 605.0 | 614.8 | 632.1 | 664.1 | 681.3 | 718.1 | 730.4 | 550.9 |
| 72.5° | 484.5 | 482.1 | 484.5 | 496.8 | 506.7 | 521.4 | 548.5 | 568.1 | 600.1 | 614.8 | 427.9 |
| 75° | 391.1 | 386.1 | 391.1 | 400.9 | 398.5 | 418.1 | 440.2 | 459.9 | 489.4 | 499.2 | 317.3 |
| 77.5° | 300.1 | 300.1 | 300.1 | 309.9 | 309.9 | 329.6 | 339.4 | 364.0 | 381.2 | 395.9 | 233.6 |
| 80° | 223.8 | 221.3 | 223.8 | 226.3 | 226.3 | 236.1 | 253.3 | 270.5 | 285.3 | 285.3 | 159.9 |
| 82.5° | 157.4 | 152.5 | 157.4 | 157.4 | 157.4 | 162.3 | 172.2 | 177.0 | 186.9 | 194.3 | 100.9 |
| 85° | 98.4 | 98.4 | 98.4 | 100.9 | 98.4 | 103.3 | 105.7 | 110.7 | 110.7 | 105.7 | 61.5 |
| 87.5° | 64.0 | 61.5 | 64.0 | 61.5 | 61.5 | 59.0 | 59.0 | 59.0 | 56.6 | 54.1 | 34.4 |
| 90° | 34.5 | 34.5 | 34.5 | 34.5 | 34.5 | 45.9 | 61.2 | 68.9 | 59.2 | 39.9 | 25.4 |
| 92.5° | 138.0 | 110.6 | 138.0 | 165.4 | 172.3 | 244.2 | 340.0 | 388.0 | 340.7 | 246.0 | 175.0 |
| 95° | 480.9 | 398.0 | 480.9 | 564.0 | 584.7 | 767.8 | 1012.0 | 1134.1 | 957.9 | 605.3 | 340.9 |
| 97.5° | 1152.4 | 994.5 | 1152.4 | 1310.4 | 1349.9 | 1465.6 | 1620.0 | 1697.1 | 1403.2 | 815.3 | 374.4 |
| 100° | 1660.5 | 1472.3 | 1660.5 | 1848.7 | 1895.7 | 1887.2 | 1875.9 | 1870.3 | 1544.1 | 891.8 | 402.5 |
| 102.5° | 2160.1 | 1999.0 | 2160.1 | 2321.2 | 2361.5 | 2214.1 | 2017.5 | 1919.2 | 1588.4 | 926.8 | 430.6 |
| 105° | 2797.2 | 2710.6 | 2797.2 | 2883.8 | 2905.5 | 2574.9 | 2134.1 | 1913.8 | 1593.4 | 952.8 | 472.3 |
| 107.5° | 3214.6 | 3235.5 | 3214.6 | 3193.6 | 3188.4 | 2727.3 | 2112.4 | 1805.0 | 1522.5 | 957.6 | 533.9 |
| 110° | 3373.7 | 3464.0 | 3373.7 | 3283.5 | 3260.9 | 2745.4 | 2058.0 | 1714.3 | 1459.6 | 950.4 | 568.4 |



TEST NUMBER: P936199

CATALOG NUMBER: SQ4-FA-150U-125D-B35-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

| | 80° | 90° | 100° | 110° | 112.5° | 120° | 130° | 135° | 140° | 150° | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 3387.9 | 3526.5 | 3387.9 | 3249.3 | 3214.7 | 2687.0 | 1983.5 | 1631.8 | 1404.8 | 950.7 | 610.1 |
| 115° | 3298.0 | 3490.2 | 3298.0 | 3105.8 | 3057.8 | 2549.5 | 1871.8 | 1533.0 | 1341.8 | 959.4 | 672.7 |
| 117.5° | 3107.6 | 3320.8 | 3107.6 | 2894.4 | 2841.1 | 2382.4 | 1770.8 | 1465.0 | 1302.4 | 977.3 | 733.4 |
| 120° | 2954.1 | 3161.2 | 2954.1 | 2746.9 | 2695.2 | 2276.1 | 1717.3 | 1437.8 | 1289.2 | 991.8 | 768.8 |
| 122.5° | 2804.6 | 3008.8 | 2804.6 | 2600.3 | 2549.2 | 2171.8 | 1668.6 | 1417.0 | 1282.2 | 1012.6 | 810.5 |
| 125° | 2591.3 | 2779.5 | 2591.3 | 2403.1 | 2356.1 | 2035.5 | 1608.1 | 1394.3 | 1276.5 | 1040.7 | 864.0 |
| 127.5° | 2399.5 | 2558.4 | 2399.5 | 2240.8 | 2201.1 | 1925.8 | 1558.7 | 1375.2 | 1273.1 | 1068.8 | 915.6 |
| 130° | 2286.5 | 2433.2 | 2286.5 | 2139.8 | 2103.2 | 1858.2 | 1531.4 | 1368.0 | 1275.2 | 1089.4 | 950.1 |
| 132.5° | 2183.9 | 2315.3 | 2183.9 | 2052.6 | 2019.8 | 1800.4 | 1507.9 | 1361.6 | 1276.5 | 1106.0 | 978.2 |
| 135° | 2043.5 | 2156.7 | 2043.5 | 1930.2 | 1902.0 | 1718.2 | 1473.3 | 1350.8 | 1275.2 | 1124.1 | 1010.9 |
| 137.5° | 1930.8 | 2023.5 | 1930.8 | 1838.1 | 1814.9 | 1659.6 | 1452.5 | 1348.9 | 1283.1 | 1151.4 | 1052.5 |
| 140° | 1853.4 | 1940.0 | 1853.4 | 1766.8 | 1745.2 | 1611.0 | 1432.1 | 1342.6 | 1284.4 | 1167.9 | 1080.6 |
| 142.5° | 1789.4 | 1863.9 | 1789.4 | 1714.7 | 1696.1 | 1578.3 | 1421.2 | 1342.6 | 1289.1 | 1181.9 | 1101.5 |
| 145° | 1693.2 | 1749.6 | 1693.2 | 1636.8 | 1622.8 | 1526.4 | 1397.8 | 1333.5 | 1289.1 | 1200.0 | 1133.2 |
| 147.5° | 1619.5 | 1666.3 | 1619.5 | 1572.8 | 1561.1 | 1485.2 | 1384.1 | 1333.5 | 1297.9 | 1226.6 | 1173.1 |
| 150° | 1573.1 | 1611.0 | 1573.1 | 1535.2 | 1525.7 | 1461.6 | 1376.3 | 1333.5 | 1302.5 | 1240.4 | 1193.9 |
| 152.5° | 1533.3 | 1562.0 | 1533.3 | 1504.8 | 1497.6 | 1442.9 | 1370.0 | 1333.5 | 1305.5 | 1249.5 | 1207.6 |
| 155° | 1487.7 | 1506.7 | 1487.7 | 1468.8 | 1464.1 | 1420.6 | 1362.5 | 1333.5 | 1312.2 | 1269.5 | 1237.4 |
| 157.5° | 1451.8 | 1465.0 | 1451.8 | 1438.4 | 1435.1 | 1401.3 | 1356.1 | 1333.5 | 1318.8 | 1289.4 | 1267.4 |
| 160° | 1430.1 | 1437.8 | 1430.1 | 1422.5 | 1420.6 | 1391.6 | 1352.9 | 1333.5 | 1321.8 | 1298.5 | 1280.9 |
| 162.5° | 1416.0 | 1423.3 | 1416.0 | 1408.8 | 1407.0 | 1382.5 | 1349.8 | 1333.5 | 1325.1 | 1308.1 | 1295.5 |
| 165° | 1395.7 | 1403.3 | 1395.7 | 1388.1 | 1386.2 | 1368.6 | 1345.3 | 1333.5 | 1329.7 | 1322.0 | 1316.3 |
| 167.5° | 1381.1 | 1384.3 | 1381.1 | 1377.8 | 1377.0 | 1365.6 | 1350.3 | 1342.6 | 1339.4 | 1333.0 | 1328.1 |
| 170° | 1377.0 | 1377.0 | 1377.0 | 1377.0 | 1377.0 | 1365.6 | 1350.3 | 1342.6 | 1342.5 | 1342.0 | 1341.7 |
| 172.5° | 1366.3 | 1363.5 | 1366.3 | 1369.1 | 1369.8 | 1360.8 | 1348.7 | 1342.6 | 1342.6 | 1342.6 | 1342.6 |
| 175° | 1359.8 | 1359.8 | 1359.8 | 1359.8 | 1359.8 | 1354.1 | 1346.4 | 1342.6 | 1344.5 | 1348.1 | 1350.8 |
| 177.5° | 1354.0 | 1350.8 | 1354.0 | 1357.3 | 1358.1 | 1353.5 | 1347.4 | 1344.4 | 1345.8 | 1348.7 | 1350.8 |
| 180° | 1350.8 | 1350.8 | 1350.8 | 1350.8 | 1350.8 | 1350.8 | 1350.8 | 1350.8 | 1350.8 | 1350.8 | 1350.8 |



TEST NUMBER: P936199

CATALOG NUMBER: SQ4-FA-150U-125D-B35-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

| | 160° | 170° | 180° | 190° | 200° | 202.5° | 210° | 220° | 225° | 230° | 240° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2599.6 | 2599.6 | 2599.6 | 2599.6 | 2599.6 | 2599.6 | 2599.6 | 2599.6 | 2599.6 | 2599.6 | 2599.6 |
| 2.5° | 2636.6 | 2621.7 | 2621.7 | 2597.2 | 2587.3 | 2580.0 | 2567.7 | 2530.7 | 2521.0 | 2511.1 | 2525.8 |
| 5° | 2658.6 | 2631.6 | 2611.9 | 2567.7 | 2530.7 | 2516.0 | 2469.3 | 2380.7 | 2321.7 | 2277.4 | 2252.8 |
| 7.5° | 2663.6 | 2629.1 | 2592.3 | 2523.4 | 2434.8 | 2395.5 | 2252.8 | 2090.5 | 2046.2 | 2006.9 | 1982.3 |
| 10° | 2658.6 | 2619.3 | 2567.7 | 2464.4 | 2255.3 | 2186.5 | 2043.8 | 1938.0 | 1911.0 | 1903.6 | 1911.0 |
| 12.5° | 2641.4 | 2604.6 | 2533.3 | 2361.1 | 2068.4 | 2021.6 | 1938.0 | 1876.6 | 1871.6 | 1883.9 | 1950.3 |
| 15° | 2611.9 | 2577.4 | 2493.9 | 2223.4 | 1965.1 | 1930.6 | 1871.6 | 1849.5 | 1876.6 | 1962.6 | 2161.8 |
| 17.5° | 2582.4 | 2543.0 | 2439.7 | 2088.1 | 1886.4 | 1861.8 | 1820.0 | 1864.3 | 2016.8 | 2132.3 | 2198.8 |
| 20° | 2543.0 | 2496.3 | 2378.3 | 1989.6 | 1829.9 | 1807.7 | 1788.0 | 1987.2 | 2102.8 | 2144.6 | 2181.5 |
| 22.5° | 2496.3 | 2447.1 | 2294.7 | 1920.8 | 1770.8 | 1753.6 | 1765.9 | 2056.1 | 2102.8 | 2132.3 | 2164.3 |
| 25° | 2434.8 | 2393.0 | 2196.2 | 1866.7 | 1724.0 | 1704.4 | 1751.1 | 2048.8 | 2075.8 | 2083.2 | 2147.1 |
| 27.5° | 2378.3 | 2324.1 | 2092.9 | 1817.6 | 1667.5 | 1660.1 | 1763.4 | 2016.8 | 2036.5 | 2043.8 | 2112.6 |
| 30° | 2309.4 | 2228.2 | 1977.3 | 1765.9 | 1608.4 | 1606.0 | 1765.9 | 1977.3 | 1972.5 | 1992.2 | 2061.0 |
| 32.5° | 2238.1 | 2085.6 | 1847.0 | 1702.0 | 1552.0 | 1549.4 | 1748.7 | 1918.3 | 1913.5 | 1940.5 | 1992.2 |
| 35° | 2171.7 | 1974.9 | 1670.0 | 1628.1 | 1480.5 | 1483.1 | 1706.9 | 1849.5 | 1852.0 | 1876.6 | 1908.5 |
| 37.5° | 2102.8 | 1879.0 | 1475.7 | 1547.0 | 1411.7 | 1411.7 | 1650.3 | 1785.6 | 1780.6 | 1788.0 | 1832.3 |
| 40° | 2021.6 | 1729.0 | 1303.5 | 1441.2 | 1347.8 | 1340.4 | 1581.4 | 1716.7 | 1699.4 | 1697.0 | 1758.5 |
| 42.5° | 1935.6 | 1564.2 | 1175.6 | 1301.1 | 1273.9 | 1264.2 | 1497.8 | 1633.1 | 1601.1 | 1608.4 | 1687.1 |
| 45° | 1842.1 | 1520.0 | 1077.2 | 1099.3 | 1197.8 | 1190.3 | 1406.8 | 1537.1 | 1515.0 | 1534.7 | 1615.8 |
| 47.5° | 1748.7 | 1431.4 | 1045.3 | 912.4 | 1116.6 | 1114.2 | 1305.9 | 1443.7 | 1431.4 | 1451.1 | 1537.1 |
| 50° | 1620.7 | 1333.1 | 1042.8 | 782.1 | 1025.6 | 1035.4 | 1185.5 | 1352.7 | 1352.7 | 1369.9 | 1460.9 |
| 52.5° | 1456.0 | 1212.5 | 946.9 | 708.3 | 919.9 | 949.3 | 1079.7 | 1273.9 | 1278.9 | 1296.1 | 1377.2 |
| 55° | 1305.9 | 1087.0 | 878.0 | 651.7 | 794.4 | 858.3 | 976.4 | 1192.8 | 1202.6 | 1219.9 | 1293.6 |
| 57.5° | 1168.2 | 905.0 | 863.3 | 585.4 | 678.8 | 740.3 | 885.4 | 1114.2 | 1119.0 | 1133.8 | 1205.1 |
| 60° | 1020.6 | 654.2 | 792.0 | 514.1 | 578.0 | 624.7 | 801.8 | 1020.6 | 1037.9 | 1047.7 | 1109.2 |
| 62.5° | 853.4 | 474.7 | 718.1 | 464.8 | 528.8 | 538.6 | 733.0 | 932.1 | 954.3 | 961.6 | 998.6 |
| 65° | 607.5 | 398.5 | 610.0 | 423.1 | 477.1 | 479.6 | 659.1 | 841.1 | 860.8 | 873.1 | 900.2 |
| 67.5° | 410.8 | 324.6 | 464.8 | 383.6 | 437.8 | 440.2 | 587.8 | 735.4 | 762.4 | 772.3 | 789.4 |
| 70° | 285.3 | 216.5 | 344.3 | 341.9 | 393.5 | 398.5 | 511.5 | 639.4 | 664.1 | 671.4 | 681.3 |
| 72.5° | 209.0 | 174.6 | 285.3 | 307.5 | 346.8 | 351.7 | 432.9 | 531.2 | 555.8 | 563.2 | 568.1 |
| 75° | 159.9 | 184.5 | 231.2 | 268.1 | 295.2 | 297.6 | 354.2 | 432.9 | 450.1 | 455.0 | 457.5 |
| 77.5° | 127.9 | 172.2 | 169.7 | 216.5 | 241.0 | 236.1 | 277.9 | 334.5 | 349.2 | 349.2 | 349.2 |
| 80° | 95.9 | 135.3 | 127.9 | 154.9 | 177.0 | 172.2 | 199.2 | 238.6 | 243.5 | 248.4 | 245.9 |
| 82.5° | 71.3 | 86.0 | 86.0 | 98.4 | 118.0 | 113.2 | 132.8 | 154.9 | 154.9 | 154.9 | 159.9 |
| 85° | 44.3 | 49.2 | 39.3 | 51.6 | 66.4 | 64.0 | 73.7 | 83.6 | 86.0 | 86.0 | 81.2 |
| 87.5° | 27.0 | 22.1 | 12.3 | 19.7 | 29.6 | 29.6 | 34.4 | 36.9 | 34.4 | 34.4 | 34.4 |
| 90° | 23.5 | 16.4 | 9.1 | 16.4 | 23.5 | 25.4 | 39.9 | 59.2 | 68.9 | 61.2 | 45.9 |
| 92.5° | 159.6 | 97.9 | 36.2 | 97.9 | 159.6 | 175.0 | 246.0 | 340.7 | 388.0 | 340.0 | 244.2 |
| 95° | 312.7 | 199.8 | 87.0 | 199.8 | 312.7 | 340.9 | 605.3 | 957.9 | 1134.1 | 1012.0 | 767.8 |
| 97.5° | 349.5 | 250.0 | 150.5 | 250.0 | 349.5 | 374.4 | 815.3 | 1403.2 | 1697.1 | 1620.0 | 1465.6 |
| 100° | 379.9 | 289.7 | 199.4 | 289.7 | 379.9 | 402.5 | 891.8 | 1544.1 | 1870.3 | 1875.9 | 1887.2 |
| 102.5° | 409.6 | 325.4 | 241.2 | 325.4 | 409.6 | 430.6 | 926.8 | 1588.4 | 1919.2 | 2017.5 | 2214.1 |
| 105° | 454.5 | 383.1 | 311.8 | 383.1 | 454.5 | 472.3 | 952.8 | 1593.4 | 1913.8 | 2134.1 | 2574.9 |
| 107.5° | 517.3 | 450.9 | 384.4 | 450.9 | 517.3 | 533.9 | 957.6 | 1522.5 | 1805.0 | 2112.4 | 2727.3 |
| 110° | 553.4 | 493.4 | 433.3 | 493.4 | 553.4 | 568.4 | 950.4 | 1459.6 | 1714.3 | 2058.0 | 2745.4 |



TEST NUMBER: P936199

CATALOG NUMBER: SQ4-FA-150U-125D-B35-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

| | 160° | 170° | 180° | 190° | 200° | 202.5° | 210° | 220° | 225° | 230° | 240° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 595.7 | 538.6 | 481.4 | 538.6 | 595.7 | 610.1 | 950.7 | 1404.8 | 1631.8 | 1983.5 | 2687.0 |
| 115° | 659.5 | 606.7 | 553.9 | 606.7 | 659.5 | 672.7 | 959.4 | 1341.8 | 1533.0 | 1871.8 | 2549.5 |
| 117.5° | 721.4 | 673.5 | 625.5 | 673.5 | 721.4 | 733.4 | 977.3 | 1302.4 | 1465.0 | 1770.8 | 2382.4 |
| 120° | 757.6 | 712.4 | 667.3 | 712.4 | 757.6 | 768.8 | 991.8 | 1289.2 | 1437.8 | 1717.3 | 2276.1 |
| 122.5° | 799.1 | 753.6 | 708.0 | 753.6 | 799.1 | 810.5 | 1012.6 | 1282.2 | 1417.0 | 1668.6 | 2171.8 |
| 125° | 853.6 | 812.0 | 770.5 | 812.0 | 853.6 | 864.0 | 1040.7 | 1276.5 | 1394.3 | 1608.1 | 2035.5 |
| 127.5° | 905.1 | 863.2 | 821.3 | 863.2 | 905.1 | 915.6 | 1068.8 | 1273.1 | 1375.2 | 1558.7 | 1925.8 |
| 130° | 938.9 | 893.7 | 848.6 | 893.7 | 938.9 | 950.1 | 1089.4 | 1275.2 | 1368.0 | 1531.4 | 1858.2 |
| 132.5° | 967.0 | 921.8 | 876.7 | 921.8 | 967.0 | 978.2 | 1106.0 | 1276.5 | 1361.6 | 1507.9 | 1800.4 |
| 135° | 1000.6 | 959.4 | 918.3 | 959.4 | 1000.6 | 1010.9 | 1124.1 | 1275.2 | 1350.8 | 1473.3 | 1718.2 |
| 137.5° | 1042.4 | 1001.7 | 961.0 | 1001.7 | 1042.4 | 1052.5 | 1151.4 | 1283.1 | 1348.9 | 1452.5 | 1659.6 |
| 140° | 1071.2 | 1033.8 | 996.3 | 1033.8 | 1071.2 | 1080.6 | 1167.9 | 1284.4 | 1342.6 | 1432.1 | 1611.0 |
| 142.5° | 1092.8 | 1058.1 | 1023.5 | 1058.1 | 1092.8 | 1101.5 | 1181.9 | 1289.1 | 1342.6 | 1421.2 | 1578.3 |
| 145° | 1125.7 | 1095.5 | 1065.2 | 1095.5 | 1125.7 | 1133.2 | 1200.0 | 1289.1 | 1333.5 | 1397.8 | 1526.4 |
| 147.5° | 1165.7 | 1136.3 | 1106.9 | 1136.3 | 1165.7 | 1173.1 | 1226.6 | 1297.9 | 1333.5 | 1384.1 | 1485.2 |
| 150° | 1187.2 | 1160.7 | 1134.1 | 1160.7 | 1187.2 | 1193.9 | 1240.4 | 1302.5 | 1333.5 | 1376.3 | 1461.6 |
| 152.5° | 1202.5 | 1182.4 | 1162.2 | 1182.4 | 1202.5 | 1207.6 | 1249.5 | 1305.5 | 1333.5 | 1370.0 | 1442.9 |
| 155° | 1233.7 | 1218.8 | 1203.9 | 1218.8 | 1233.7 | 1237.4 | 1269.5 | 1312.2 | 1333.5 | 1362.5 | 1420.6 |
| 157.5° | 1263.8 | 1249.2 | 1234.7 | 1249.2 | 1263.8 | 1267.4 | 1289.4 | 1318.8 | 1333.5 | 1356.1 | 1401.3 |
| 160° | 1278.1 | 1266.9 | 1255.6 | 1266.9 | 1278.1 | 1280.9 | 1298.5 | 1321.8 | 1333.5 | 1352.9 | 1391.6 |
| 162.5° | 1293.3 | 1284.9 | 1276.5 | 1284.9 | 1293.3 | 1295.5 | 1308.1 | 1325.1 | 1333.5 | 1349.8 | 1382.5 |
| 165° | 1314.4 | 1306.8 | 1299.1 | 1306.8 | 1314.4 | 1316.3 | 1322.0 | 1329.7 | 1333.5 | 1345.3 | 1368.6 |
| 167.5° | 1327.2 | 1323.6 | 1320.0 | 1323.6 | 1327.2 | 1328.1 | 1333.0 | 1339.4 | 1342.6 | 1350.3 | 1365.6 |
| 170° | 1340.8 | 1337.1 | 1333.5 | 1337.1 | 1340.8 | 1341.7 | 1342.0 | 1342.5 | 1342.6 | 1350.3 | 1365.6 |
| 172.5° | 1342.5 | 1341.6 | 1340.8 | 1341.6 | 1342.5 | 1342.6 | 1342.6 | 1342.6 | 1342.6 | 1348.7 | 1360.8 |
| 175° | 1350.8 | 1350.8 | 1350.8 | 1350.8 | 1350.8 | 1350.8 | 1348.1 | 1344.5 | 1342.6 | 1346.4 | 1354.1 |
| 177.5° | 1350.8 | 1350.8 | 1350.8 | 1350.8 | 1350.8 | 1350.8 | 1348.7 | 1345.8 | 1344.4 | 1347.4 | 1353.5 |
| 180° | 1350.8 | 1350.8 | 1350.8 | 1350.8 | 1350.8 | 1350.8 | 1350.8 | 1350.8 | 1350.8 | 1350.8 | 1350.8 |



TEST NUMBER: P936199

CATALOG NUMBER: SQ4-FA-150U-125D-B35-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 260° | 270° | 280° | 290° | 292.5° | 300° | 310° | 315° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2599.6 | 2599.6 | 2599.6 | 2599.6 | 2599.6 | 2599.6 | 2599.6 | 2599.6 | 2599.6 | 2599.6 | 2599.6 |
| 2.5° | 2508.6 | 2501.3 | 2511.1 | 2484.0 | 2511.1 | 2501.3 | 2508.6 | 2525.8 | 2511.1 | 2521.0 | 2530.7 |
| 5° | 2201.2 | 2188.9 | 2149.5 | 2117.6 | 2149.5 | 2188.9 | 2201.2 | 2252.8 | 2277.4 | 2321.7 | 2380.7 |
| 7.5° | 1967.6 | 1957.7 | 1947.9 | 1928.2 | 1947.9 | 1957.7 | 1967.6 | 1982.3 | 2006.9 | 2046.2 | 2090.5 |
| 10° | 1915.9 | 1918.3 | 1933.2 | 1930.6 | 1933.2 | 1918.3 | 1915.9 | 1911.0 | 1903.6 | 1911.0 | 1938.0 |
| 12.5° | 2048.8 | 2070.8 | 2152.1 | 2147.1 | 2152.1 | 2070.8 | 2048.8 | 1950.3 | 1883.9 | 1871.6 | 1876.6 |
| 15° | 2201.2 | 2208.5 | 2225.8 | 2228.2 | 2225.8 | 2208.5 | 2201.2 | 2161.8 | 1962.6 | 1876.6 | 1849.5 |
| 17.5° | 2215.9 | 2218.4 | 2230.7 | 2230.7 | 2230.7 | 2218.4 | 2215.9 | 2198.8 | 2132.3 | 2016.8 | 1864.3 |
| 20° | 2203.7 | 2208.5 | 2233.2 | 2238.1 | 2233.2 | 2208.5 | 2203.7 | 2181.5 | 2144.6 | 2102.8 | 1987.2 |
| 22.5° | 2198.8 | 2208.5 | 2228.2 | 2225.8 | 2228.2 | 2208.5 | 2198.8 | 2164.3 | 2132.3 | 2102.8 | 2056.1 |
| 25° | 2174.1 | 2174.1 | 2176.6 | 2179.1 | 2176.6 | 2174.1 | 2174.1 | 2147.1 | 2083.2 | 2075.8 | 2048.8 |
| 27.5° | 2122.5 | 2127.4 | 2142.2 | 2139.7 | 2142.2 | 2127.4 | 2122.5 | 2112.6 | 2043.8 | 2036.5 | 2016.8 |
| 30° | 2075.8 | 2070.8 | 2058.5 | 2048.8 | 2058.5 | 2070.8 | 2075.8 | 2061.0 | 1992.2 | 1972.5 | 1977.3 |
| 32.5° | 1997.1 | 1984.8 | 1972.5 | 1965.1 | 1972.5 | 1984.8 | 1997.1 | 1992.2 | 1940.5 | 1913.5 | 1918.3 |
| 35° | 1903.6 | 1906.0 | 1903.6 | 1896.2 | 1903.6 | 1906.0 | 1903.6 | 1908.5 | 1876.6 | 1852.0 | 1849.5 |
| 37.5° | 1837.2 | 1842.1 | 1839.6 | 1829.9 | 1839.6 | 1842.1 | 1837.2 | 1832.3 | 1788.0 | 1780.6 | 1785.6 |
| 40° | 1768.3 | 1770.8 | 1768.3 | 1761.0 | 1768.3 | 1770.8 | 1768.3 | 1758.5 | 1697.0 | 1699.4 | 1716.7 |
| 42.5° | 1702.0 | 1699.4 | 1692.1 | 1687.1 | 1692.1 | 1699.4 | 1702.0 | 1687.1 | 1608.4 | 1601.1 | 1633.1 |
| 45° | 1625.7 | 1628.1 | 1613.4 | 1606.0 | 1613.4 | 1628.1 | 1625.7 | 1615.8 | 1534.7 | 1515.0 | 1537.1 |
| 47.5° | 1549.4 | 1549.4 | 1537.1 | 1529.8 | 1537.1 | 1549.4 | 1549.4 | 1537.1 | 1451.1 | 1431.4 | 1443.7 |
| 50° | 1468.3 | 1465.8 | 1448.7 | 1446.1 | 1448.7 | 1465.8 | 1468.3 | 1460.9 | 1369.9 | 1352.7 | 1352.7 |
| 52.5° | 1374.8 | 1374.8 | 1377.2 | 1382.2 | 1377.2 | 1374.8 | 1374.8 | 1377.2 | 1296.1 | 1278.9 | 1273.9 |
| 55° | 1293.6 | 1296.1 | 1313.4 | 1318.2 | 1313.4 | 1296.1 | 1293.6 | 1293.6 | 1219.9 | 1202.6 | 1192.8 |
| 57.5° | 1210.1 | 1210.1 | 1222.3 | 1222.3 | 1222.3 | 1210.1 | 1210.1 | 1205.1 | 1133.8 | 1119.0 | 1114.2 |
| 60° | 1114.2 | 1119.0 | 1128.9 | 1126.5 | 1128.9 | 1119.0 | 1114.2 | 1109.2 | 1047.7 | 1037.9 | 1020.6 |
| 62.5° | 1013.3 | 1018.2 | 1020.6 | 1015.7 | 1020.6 | 1018.2 | 1013.3 | 998.6 | 961.6 | 954.3 | 932.1 |
| 65° | 907.6 | 912.4 | 914.9 | 910.0 | 914.9 | 912.4 | 907.6 | 900.2 | 873.1 | 860.8 | 841.1 |
| 67.5° | 799.3 | 796.8 | 794.4 | 804.3 | 794.4 | 796.8 | 799.3 | 789.4 | 772.3 | 762.4 | 735.4 |
| 70° | 688.7 | 688.7 | 686.1 | 691.1 | 686.1 | 688.7 | 688.7 | 681.3 | 671.4 | 664.1 | 639.4 |
| 72.5° | 570.5 | 568.1 | 578.0 | 570.5 | 578.0 | 568.1 | 570.5 | 568.1 | 563.2 | 555.8 | 531.2 |
| 75° | 455.0 | 459.9 | 455.0 | 462.4 | 455.0 | 459.9 | 455.0 | 457.5 | 455.0 | 450.1 | 432.9 |
| 77.5° | 346.8 | 351.7 | 346.8 | 346.8 | 346.8 | 351.7 | 346.8 | 349.2 | 349.2 | 349.2 | 334.5 |
| 80° | 245.9 | 243.5 | 243.5 | 241.0 | 243.5 | 243.5 | 245.9 | 245.9 | 248.4 | 243.5 | 238.6 |
| 82.5° | 157.4 | 154.9 | 154.9 | 159.9 | 154.9 | 154.9 | 157.4 | 159.9 | 154.9 | 154.9 | 154.9 |
| 85° | 86.0 | 88.6 | 83.6 | 83.6 | 83.6 | 88.6 | 86.0 | 81.2 | 86.0 | 86.0 | 83.6 |
| 87.5° | 32.0 | 29.6 | 29.6 | 29.6 | 29.6 | 29.6 | 32.0 | 34.4 | 34.4 | 34.4 | 36.9 |
| 90° | 34.5 | 34.5 | 34.5 | 34.5 | 34.5 | 34.5 | 34.5 | 45.9 | 61.2 | 68.9 | 59.2 |
| 92.5° | 172.3 | 165.4 | 138.0 | 110.6 | 138.0 | 165.4 | 172.3 | 244.2 | 340.0 | 388.0 | 340.7 |
| 95° | 584.7 | 564.0 | 480.9 | 398.0 | 480.9 | 564.0 | 584.7 | 767.8 | 1012.0 | 1134.1 | 957.9 |
| 97.5° | 1349.9 | 1310.4 | 1152.4 | 994.5 | 1152.4 | 1310.4 | 1349.9 | 1465.6 | 1620.0 | 1697.1 | 1403.2 |
| 100° | 1895.7 | 1848.7 | 1660.5 | 1472.3 | 1660.5 | 1848.7 | 1895.7 | 1887.2 | 1875.9 | 1870.3 | 1544.1 |
| 102.5° | 2361.5 | 2321.2 | 2160.1 | 1999.0 | 2160.1 | 2321.2 | 2361.5 | 2214.1 | 2017.5 | 1919.2 | 1588.4 |
| 105° | 2905.5 | 2883.8 | 2797.2 | 2710.6 | 2797.2 | 2883.8 | 2905.5 | 2574.9 | 2134.1 | 1913.8 | 1593.4 |
| 107.5° | 3188.4 | 3193.6 | 3214.6 | 3235.5 | 3214.6 | 3193.6 | 3188.4 | 2727.3 | 2112.4 | 1805.0 | 1522.5 |
| 110° | 3260.9 | 3283.5 | 3373.7 | 3464.0 | 3373.7 | 3283.5 | 3260.9 | 2745.4 | 2058.0 | 1714.3 | 1459.6 |



TEST NUMBER: P936199

CATALOG NUMBER: SQ4-FA-150U-125D-B35-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 260° | 270° | 280° | 290° | 292.5° | 300° | 310° | 315° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 3214.7 | 3249.3 | 3387.9 | 3526.5 | 3387.9 | 3249.3 | 3214.7 | 2687.0 | 1983.5 | 1631.8 | 1404.8 |
| 115° | 3057.8 | 3105.8 | 3298.0 | 3490.2 | 3298.0 | 3105.8 | 3057.8 | 2549.5 | 1871.8 | 1533.0 | 1341.8 |
| 117.5° | 2841.1 | 2894.4 | 3107.6 | 3320.8 | 3107.6 | 2894.4 | 2841.1 | 2382.4 | 1770.8 | 1465.0 | 1302.4 |
| 120° | 2695.2 | 2746.9 | 2954.1 | 3161.2 | 2954.1 | 2746.9 | 2695.2 | 2276.1 | 1717.3 | 1437.8 | 1289.2 |
| 122.5° | 2549.2 | 2600.3 | 2804.6 | 3008.8 | 2804.6 | 2600.3 | 2549.2 | 2171.8 | 1668.6 | 1417.0 | 1282.2 |
| 125° | 2356.1 | 2403.1 | 2591.3 | 2779.5 | 2591.3 | 2403.1 | 2356.1 | 2035.5 | 1608.1 | 1394.3 | 1276.5 |
| 127.5° | 2201.1 | 2240.8 | 2399.5 | 2558.4 | 2399.5 | 2240.8 | 2201.1 | 1925.8 | 1558.7 | 1375.2 | 1273.1 |
| 130° | 2103.2 | 2139.8 | 2286.5 | 2433.2 | 2286.5 | 2139.8 | 2103.2 | 1858.2 | 1531.4 | 1368.0 | 1275.2 |
| 132.5° | 2019.8 | 2052.6 | 2183.9 | 2315.3 | 2183.9 | 2052.6 | 2019.8 | 1800.4 | 1507.9 | 1361.6 | 1276.5 |
| 135° | 1902.0 | 1930.2 | 2043.5 | 2156.7 | 2043.5 | 1930.2 | 1902.0 | 1718.2 | 1473.3 | 1350.8 | 1275.2 |
| 137.5° | 1814.9 | 1838.1 | 1930.8 | 2023.5 | 1930.8 | 1838.1 | 1814.9 | 1659.6 | 1452.5 | 1348.9 | 1283.1 |
| 140° | 1745.2 | 1766.8 | 1853.4 | 1940.0 | 1853.4 | 1766.8 | 1745.2 | 1611.0 | 1432.1 | 1342.6 | 1284.4 |
| 142.5° | 1696.1 | 1714.7 | 1789.4 | 1863.9 | 1789.4 | 1714.7 | 1696.1 | 1578.3 | 1421.2 | 1342.6 | 1289.1 |
| 145° | 1622.8 | 1636.8 | 1693.2 | 1749.6 | 1693.2 | 1636.8 | 1622.8 | 1526.4 | 1397.8 | 1333.5 | 1289.1 |
| 147.5° | 1561.1 | 1572.8 | 1619.5 | 1666.3 | 1619.5 | 1572.8 | 1561.1 | 1485.2 | 1384.1 | 1333.5 | 1297.9 |
| 150° | 1525.7 | 1535.2 | 1573.1 | 1611.0 | 1573.1 | 1535.2 | 1525.7 | 1461.6 | 1376.3 | 1333.5 | 1302.5 |
| 152.5° | 1497.6 | 1504.8 | 1533.3 | 1562.0 | 1533.3 | 1504.8 | 1497.6 | 1442.9 | 1370.0 | 1333.5 | 1305.5 |
| 155° | 1464.1 | 1468.8 | 1487.7 | 1506.7 | 1487.7 | 1468.8 | 1464.1 | 1420.6 | 1362.5 | 1333.5 | 1312.2 |
| 157.5° | 1435.1 | 1438.4 | 1451.8 | 1465.0 | 1451.8 | 1438.4 | 1435.1 | 1401.3 | 1356.1 | 1333.5 | 1318.8 |
| 160° | 1420.6 | 1422.5 | 1430.1 | 1437.8 | 1430.1 | 1422.5 | 1420.6 | 1391.6 | 1352.9 | 1333.5 | 1321.8 |
| 162.5° | 1407.0 | 1408.8 | 1416.0 | 1423.3 | 1416.0 | 1408.8 | 1407.0 | 1382.5 | 1349.8 | 1333.5 | 1325.1 |
| 165° | 1386.2 | 1388.1 | 1395.7 | 1403.3 | 1395.7 | 1388.1 | 1386.2 | 1368.6 | 1345.3 | 1333.5 | 1329.7 |
| 167.5° | 1377.0 | 1377.8 | 1381.1 | 1384.3 | 1381.1 | 1377.8 | 1377.0 | 1365.6 | 1350.3 | 1342.6 | 1339.4 |
| 170° | 1377.0 | 1377.0 | 1377.0 | 1377.0 | 1377.0 | 1377.0 | 1377.0 | 1365.6 | 1350.3 | 1342.6 | 1342.5 |
| 172.5° | 1369.8 | 1369.1 | 1366.3 | 1363.5 | 1366.3 | 1369.1 | 1369.8 | 1360.8 | 1348.7 | 1342.6 | 1342.6 |
| 175° | 1359.8 | 1359.8 | 1359.8 | 1359.8 | 1359.8 | 1359.8 | 1359.8 | 1354.1 | 1346.4 | 1342.6 | 1344.5 |
| 177.5° | 1358.1 | 1357.3 | 1354.0 | 1350.8 | 1354.0 | 1357.3 | 1358.1 | 1353.5 | 1347.4 | 1344.4 | 1345.8 |
| 180° | 1350.8 | 1350.8 | 1350.8 | 1350.8 | 1350.8 | 1350.8 | 1350.8 | 1350.8 | 1350.8 | 1350.8 | 1350.8 |



TEST NUMBER: P936199

CATALOG NUMBER: SQ4-FA-150U-125D-B35-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

| | 330° | 337.5° | 340° | 350° | 360° |
|--------|--------|--------|--------|--------|--------|
| 0° | 2599.6 | 2599.6 | 2599.6 | 2599.6 | 2599.6 |
| 2.5° | 2567.7 | 2580.0 | 2587.3 | 2597.2 | 2621.7 |
| 5° | 2469.3 | 2516.0 | 2530.7 | 2567.7 | 2611.9 |
| 7.5° | 2252.8 | 2395.5 | 2434.8 | 2523.4 | 2592.3 |
| 10° | 2043.8 | 2186.5 | 2255.3 | 2464.4 | 2567.7 |
| 12.5° | 1938.0 | 2021.6 | 2068.4 | 2361.1 | 2533.3 |
| 15° | 1871.6 | 1930.6 | 1965.1 | 2223.4 | 2493.9 |
| 17.5° | 1820.0 | 1861.8 | 1886.4 | 2088.1 | 2439.7 |
| 20° | 1788.0 | 1807.7 | 1829.9 | 1989.6 | 2378.3 |
| 22.5° | 1765.9 | 1753.6 | 1770.8 | 1920.8 | 2294.7 |
| 25° | 1751.1 | 1704.4 | 1724.0 | 1866.7 | 2196.2 |
| 27.5° | 1763.4 | 1660.1 | 1667.5 | 1817.6 | 2092.9 |
| 30° | 1765.9 | 1606.0 | 1608.4 | 1765.9 | 1977.3 |
| 32.5° | 1748.7 | 1549.4 | 1552.0 | 1702.0 | 1847.0 |
| 35° | 1706.9 | 1483.1 | 1480.5 | 1628.1 | 1670.0 |
| 37.5° | 1650.3 | 1411.7 | 1411.7 | 1547.0 | 1475.7 |
| 40° | 1581.4 | 1340.4 | 1347.8 | 1441.2 | 1303.5 |
| 42.5° | 1497.8 | 1264.2 | 1273.9 | 1301.1 | 1175.6 |
| 45° | 1406.8 | 1190.3 | 1197.8 | 1099.3 | 1077.2 |
| 47.5° | 1305.9 | 1114.2 | 1116.6 | 912.4 | 1045.3 |
| 50° | 1185.5 | 1035.4 | 1025.6 | 782.1 | 1042.8 |
| 52.5° | 1079.7 | 949.3 | 919.9 | 708.3 | 946.9 |
| 55° | 976.4 | 858.3 | 794.4 | 651.7 | 878.0 |
| 57.5° | 885.4 | 740.3 | 678.8 | 585.4 | 863.3 |
| 60° | 801.8 | 624.7 | 578.0 | 514.1 | 792.0 |
| 62.5° | 733.0 | 538.6 | 528.8 | 464.8 | 718.1 |
| 65° | 659.1 | 479.6 | 477.1 | 423.1 | 610.0 |
| 67.5° | 587.8 | 440.2 | 437.8 | 383.6 | 464.8 |
| 70° | 511.5 | 398.5 | 393.5 | 341.9 | 344.3 |
| 72.5° | 432.9 | 351.7 | 346.8 | 307.5 | 285.3 |
| 75° | 354.2 | 297.6 | 295.2 | 268.1 | 231.2 |
| 77.5° | 277.9 | 236.1 | 241.0 | 216.5 | 169.7 |
| 80° | 199.2 | 172.2 | 177.0 | 154.9 | 127.9 |
| 82.5° | 132.8 | 113.2 | 118.0 | 98.4 | 86.0 |
| 85° | 73.7 | 64.0 | 66.4 | 51.6 | 39.3 |
| 87.5° | 34.4 | 29.6 | 29.6 | 19.7 | 12.3 |
| 90° | 39.9 | 25.4 | 23.5 | 16.4 | 9.1 |
| 92.5° | 246.0 | 175.0 | 159.6 | 97.9 | 36.2 |
| 95° | 605.3 | 340.9 | 312.7 | 199.8 | 87.0 |
| 97.5° | 815.3 | 374.4 | 349.5 | 250.0 | 150.5 |
| 100° | 891.8 | 402.5 | 379.9 | 289.7 | 199.4 |
| 102.5° | 926.8 | 430.6 | 409.6 | 325.4 | 241.2 |
| 105° | 952.8 | 472.3 | 454.5 | 383.1 | 311.8 |
| 107.5° | 957.6 | 533.9 | 517.3 | 450.9 | 384.4 |
| 110° | 950.4 | 568.4 | 553.4 | 493.4 | 433.3 |



TEST NUMBER: P936199

CATALOG NUMBER: SQ4-FA-150U-125D-B35-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

| | 330° | 337.5° | 340° | 350° | 360° |
|--------|--------|--------|--------|--------|--------|
| 112.5° | 950.7 | 610.1 | 595.7 | 538.6 | 481.4 |
| 115° | 959.4 | 672.7 | 659.5 | 606.7 | 553.9 |
| 117.5° | 977.3 | 733.4 | 721.4 | 673.5 | 625.5 |
| 120° | 991.8 | 768.8 | 757.6 | 712.4 | 667.3 |
| 122.5° | 1012.6 | 810.5 | 799.1 | 753.6 | 708.0 |
| 125° | 1040.7 | 864.0 | 853.6 | 812.0 | 770.5 |
| 127.5° | 1068.8 | 915.6 | 905.1 | 863.2 | 821.3 |
| 130° | 1089.4 | 950.1 | 938.9 | 893.7 | 848.6 |
| 132.5° | 1106.0 | 978.2 | 967.0 | 921.8 | 876.7 |
| 135° | 1124.1 | 1010.9 | 1000.6 | 959.4 | 918.3 |
| 137.5° | 1151.4 | 1052.5 | 1042.4 | 1001.7 | 961.0 |
| 140° | 1167.9 | 1080.6 | 1071.2 | 1033.8 | 996.3 |
| 142.5° | 1181.9 | 1101.5 | 1092.8 | 1058.1 | 1023.5 |
| 145° | 1200.0 | 1133.2 | 1125.7 | 1095.5 | 1065.2 |
| 147.5° | 1226.6 | 1173.1 | 1165.7 | 1136.3 | 1106.9 |
| 150° | 1240.4 | 1193.9 | 1187.2 | 1160.7 | 1134.1 |
| 152.5° | 1249.5 | 1207.6 | 1202.5 | 1182.4 | 1162.2 |
| 155° | 1269.5 | 1237.4 | 1233.7 | 1218.8 | 1203.9 |
| 157.5° | 1289.4 | 1267.4 | 1263.8 | 1249.2 | 1234.7 |
| 160° | 1298.5 | 1280.9 | 1278.1 | 1266.9 | 1255.6 |
| 162.5° | 1308.1 | 1295.5 | 1293.3 | 1284.9 | 1276.5 |
| 165° | 1322.0 | 1316.3 | 1314.4 | 1306.8 | 1299.1 |
| 167.5° | 1333.0 | 1328.1 | 1327.2 | 1323.6 | 1320.0 |
| 170° | 1342.0 | 1341.7 | 1340.8 | 1337.1 | 1333.5 |
| 172.5° | 1342.6 | 1342.6 | 1342.5 | 1341.6 | 1340.8 |
| 175° | 1348.1 | 1350.8 | 1350.8 | 1350.8 | 1350.8 |
| 177.5° | 1348.7 | 1350.8 | 1350.8 | 1350.8 | 1350.8 |
| 180° | 1350.8 | 1350.8 | 1350.8 | 1350.8 | 1350.8 |



TEST NUMBER: P936199
 CATALOG NUMBER: SQ4-FA-150U-125D-B35-1D-UNV-STD-W-6

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 | 13.82 | 14.63 | 14.83 | 15.65 | 17.01 | 16.65 | 17.45 | 17.66 | 18.47 | 19.83 |
| | 3H | 14.30 | 15.02 | 15.32 | 16.05 | 17.43 | 17.99 | 18.71 | 19.01 | 19.74 | 21.12 |
| | 4H | 14.48 | 15.17 | 15.52 | 16.20 | 17.59 | 18.43 | 19.11 | 19.46 | 20.14 | 21.53 |
| | 6H | 14.60 | 15.23 | 15.64 | 16.27 | 17.67 | 18.71 | 19.34 | 19.75 | 20.37 | 21.77 |
| | 8H | 14.60 | 15.20 | 15.65 | 16.25 | 17.65 | 18.78 | 19.38 | 19.83 | 20.43 | 21.83 |
| | 12H | 14.57 | 15.14 | 15.62 | 16.18 | 17.61 | 18.82 | 19.38 | 19.87 | 20.43 | 21.85 |
| 4H | 2H | 14.85 | 15.53 | 15.89 | 16.56 | 17.95 | 17.05 | 17.73 | 18.09 | 18.77 | 20.15 |
| | 3H | 15.87 | 16.44 | 16.92 | 17.50 | 18.90 | 18.55 | 19.12 | 19.60 | 20.18 | 21.58 |
| | 4H | 16.14 | 16.66 | 17.20 | 17.72 | 19.14 | 19.07 | 19.59 | 20.13 | 20.65 | 22.07 |
| | 6H | 16.26 | 16.71 | 17.33 | 17.79 | 19.21 | 19.43 | 19.88 | 20.50 | 20.96 | 22.38 |
| | 8H | 16.27 | 16.69 | 17.33 | 17.75 | 19.19 | 19.54 | 19.96 | 20.60 | 21.02 | 22.46 |
| | 12H | 16.23 | 16.61 | 17.32 | 17.69 | 19.13 | 19.59 | 19.97 | 20.67 | 21.05 | 22.49 |
| 8H | 4H | 16.59 | 17.01 | 17.66 | 18.08 | 19.51 | 19.19 | 19.61 | 20.26 | 20.68 | 22.11 |
| | 6H | 16.85 | 17.20 | 17.94 | 18.31 | 19.74 | 19.63 | 19.97 | 20.71 | 21.08 | 22.51 |
| | 8H | 16.89 | 17.20 | 17.99 | 18.29 | 19.74 | 19.78 | 20.08 | 20.87 | 21.17 | 22.62 |
| | 12H | 16.87 | 17.14 | 17.97 | 18.23 | 19.72 | 19.87 | 20.14 | 20.97 | 21.23 | 22.72 |
| 12H | 4H | 16.59 | 16.97 | 17.68 | 18.05 | 19.49 | 19.15 | 19.53 | 20.24 | 20.61 | 22.05 |
| | 6H | 16.91 | 17.21 | 18.01 | 18.31 | 19.76 | 19.62 | 19.93 | 20.72 | 21.02 | 22.47 |
| | 8H | 16.97 | 17.24 | 18.07 | 18.33 | 19.82 | 19.78 | 20.05 | 20.88 | 21.14 | 22.63 |