

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: P935573

Luminaire Tested: SQ4-FA-125U-075D-940-1D-UNV-STD-W-12

Issue Date: 12/17/2024

**Test Information**

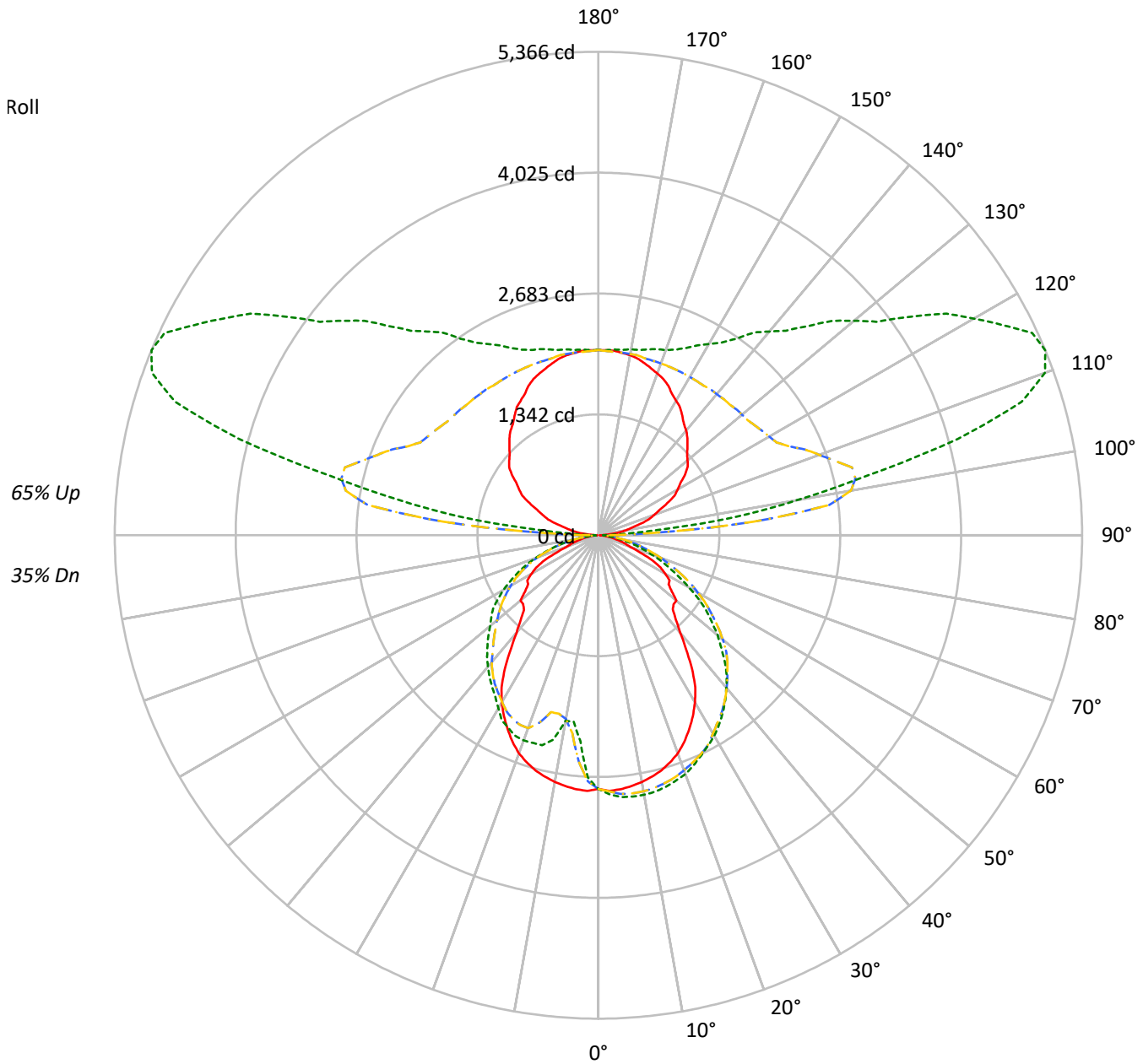
Test Method: LM-79-2019  
Report Number: P935573  
REPORT IS A COMBINATION OF REPORTS P933757 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-125U-075D-940-1D-UNV-STD-W-12  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 20631.7 lumens  
Efficiency: N/A  
Efficacy: 123.7 lumens/watt  
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36  
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 12' x H: 0.1')  
CIE Type: Semi-Indirect  
  
Input Watts (W): 166.8  
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

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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   | 104 | 104 | 104 | 104 | 94 | 94 | 94 | 94 | 75 | 75 | 75 | 58 | 58 | 58 | 43 | 43 | 43 | 35 |    |    |    | 35 |
| 1   | 95  | 90  | 87  | 83  | 85 | 82 | 79 | 76 | 66 | 64 | 62 | 51 | 50 | 49 | 38 | 37 | 36 | 30 |    |    |    | 30 |
| 2   | 86  | 79  | 73  | 68  | 78 | 72 | 66 | 62 | 58 | 54 | 51 | 45 | 43 | 41 | 33 | 32 | 30 | 25 |    |    |    | 25 |
| 3   | 78  | 69  | 62  | 56  | 71 | 63 | 57 | 52 | 51 | 47 | 43 | 40 | 37 | 34 | 29 | 28 | 26 | 21 |    |    |    | 21 |
| 4   | 72  | 61  | 54  | 48  | 65 | 56 | 49 | 44 | 45 | 40 | 36 | 35 | 32 | 29 | 26 | 24 | 22 | 18 |    |    |    | 18 |
| 5   | 66  | 54  | 46  | 41  | 59 | 50 | 43 | 38 | 40 | 35 | 31 | 32 | 28 | 25 | 24 | 21 | 19 | 16 |    |    |    | 16 |
| 6   | 60  | 49  | 41  | 35  | 54 | 44 | 37 | 32 | 36 | 31 | 27 | 29 | 25 | 22 | 21 | 19 | 17 | 14 |    |    |    | 14 |
| 7   | 56  | 44  | 36  | 31  | 50 | 40 | 33 | 28 | 33 | 28 | 24 | 26 | 22 | 19 | 20 | 17 | 15 | 12 |    |    |    | 12 |
| 8   | 52  | 40  | 32  | 27  | 47 | 36 | 30 | 25 | 30 | 25 | 21 | 24 | 20 | 17 | 18 | 15 | 13 | 11 |    |    |    | 11 |
| 9   | 48  | 36  | 29  | 24  | 43 | 33 | 27 | 22 | 27 | 22 | 19 | 22 | 18 | 15 | 16 | 14 | 12 | 10 |    |    |    | 10 |
| 10  | 45  | 33  | 26  | 21  | 41 | 30 | 24 | 20 | 25 | 20 | 17 | 20 | 16 | 14 | 15 | 13 | 11 | 9  |    |    |    | 9  |

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

|     | 0°   | 90°  | 180° | 270° |
|-----|------|------|------|------|
| 0°  | 8710 | 8710 | 8710 | 8710 |
| 5°  | 8778 | 8792 | 8778 | 6913 |
| 10° | 8723 | 8661 | 8723 | 6192 |
| 15° | 8631 | 8473 | 8631 | 7075 |
| 20° | 8454 | 8251 | 8454 | 7090 |
| 25° | 8088 | 7927 | 8088 | 6940 |
| 30° | 7613 | 7657 | 7613 | 6610 |
| 35° | 6791 | 7317 | 6791 | 6247 |
| 40° | 5661 | 6916 | 5661 | 5973 |
| 45° | 5062 | 6447 | 5062 | 5658 |
| 50° | 5382 | 5887 | 5382 | 5342 |
| 55° | 5068 | 5284 | 5068 | 5159 |
| 60° | 5231 | 4488 | 5231 | 4725 |
| 65° | 4751 | 3710 | 4751 | 4147 |
| 70° | 3298 | 2957 | 3298 | 3476 |
| 75° | 2902 | 2185 | 2902 | 2617 |
| 80° | 2356 | 1445 | 2356 | 1574 |
| 85° | 1380 | 766  | 1380 | 651  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 7753 cd/sqm



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**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 254.2   | 1.2       |
| 10°-20°   | 721.7   | 3.5       |
| 20°-30°   | 1115.6  | 5.4       |
| 30°-40°   | 1331.8  | 6.5       |
| 40°-50°   | 1339.6  | 6.5       |
| 50°-60°   | 1165.6  | 5.6       |
| 60°-70°   | 826.4   | 4.0       |
| 70°-80°   | 437.2   | 2.1       |
| 80°-90°   | 116.7   | 0.6       |
| 90°-100°  | 1001.8  | 4.9       |
| 100°-110° | 2633.8  | 12.8      |
| 110°-120° | 2730.9  | 13.2      |
| 120°-130° | 2190.5  | 10.6      |
| 130°-140° | 1718.8  | 8.3       |
| 140°-150° | 1319.2  | 6.4       |
| 150°-160° | 950.1   | 4.6       |
| 160°-170° | 581.3   | 2.8       |
| 170°-180° | 196.4   | 1.0       |
| 0°-30°    | 2091.5  | 10.1      |
| 0°-40°    | 3423.3  | 16.6      |
| 0°-60°    | 5928.5  | 28.7      |
| 0°-90°    | 7308.9  | 35.4      |
| 90°-120°  | 6366.5  | 30.9      |
| 90°-150°  | 11595.0 | 56.2      |
| 90°-180°  | 13323.0 | 64.6      |
| 0°-180°   | 20631.7 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 2816 | 2816 | 2816 | 2816 | 2816 |      |
| 5°   | 2829 | 2917 | 2829 | 2294 | 2829 | 268  |
| 15°  | 2701 | 2890 | 2701 | 2414 | 2701 | 760  |
| 25°  | 2379 | 2696 | 2379 | 2360 | 2379 | 1092 |
| 35°  | 1809 | 2406 | 1809 | 2054 | 1809 | 1119 |
| 45°  | 1167 | 1982 | 1167 | 1740 | 1167 | 935  |
| 55°  | 951  | 1462 | 951  | 1428 | 951  | 874  |
| 65°  | 661  | 882  | 661  | 986  | 661  | 631  |
| 75°  | 250  | 418  | 250  | 501  | 250  | 263  |
| 85°  | 43   | 107  | 43   | 91   | 43   | 58   |
| 90°  | 14   | 52   | 14   | 52   | 14   | 13   |
| 95°  | 132  | 606  | 132  | 606  | 132  | 147  |
| 105° | 474  | 4124 | 474  | 4124 | 474  | 503  |
| 115° | 843  | 5310 | 843  | 5310 | 843  | 832  |
| 125° | 1172 | 4229 | 1172 | 4229 | 1172 | 1041 |
| 135° | 1397 | 3281 | 1397 | 3281 | 1397 | 1081 |
| 145° | 1621 | 2662 | 1621 | 2662 | 1621 | 1015 |
| 155° | 1832 | 2292 | 1832 | 2292 | 1832 | 842  |
| 165° | 1976 | 2135 | 1976 | 2135 | 1976 | 558  |
| 175° | 2055 | 2069 | 2055 | 2069 | 2055 | 195  |
| 180° | 2055 | 2055 | 2055 | 2055 | 2055 |      |



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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 10°    | 20°    | 22.5°  | 30°    | 40°    | 45°    | 50°    | 60°    | 67.5°  | 70°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 2815.9 | 2815.9 | 2815.9 | 2815.9 | 2815.9 | 2815.9 | 2815.9 | 2815.9 | 2815.9 | 2815.9 | 2815.9 |
| 2.5°   | 2839.9 | 2839.9 | 2855.9 | 2861.2 | 2861.2 | 2853.2 | 2845.2 | 2853.2 | 2877.2 | 2885.2 | 2882.5 |
| 5°     | 2829.3 | 2850.6 | 2879.9 | 2885.2 | 2890.5 | 2887.9 | 2882.5 | 2887.9 | 2914.5 | 2919.8 | 2922.5 |
| 7.5°   | 2807.9 | 2847.9 | 2885.2 | 2893.2 | 2901.2 | 2893.2 | 2890.5 | 2895.9 | 2922.5 | 2927.8 | 2927.8 |
| 10°    | 2781.3 | 2837.2 | 2879.9 | 2885.2 | 2893.2 | 2885.2 | 2885.2 | 2895.9 | 2922.5 | 2927.8 | 2930.5 |
| 12.5°  | 2744.0 | 2821.3 | 2861.2 | 2866.6 | 2877.2 | 2874.5 | 2871.9 | 2882.5 | 2909.2 | 2914.5 | 2914.5 |
| 15°    | 2701.4 | 2792.0 | 2829.3 | 2834.6 | 2853.2 | 2847.9 | 2847.9 | 2858.6 | 2887.9 | 2895.9 | 2893.2 |
| 17.5°  | 2642.8 | 2754.7 | 2797.3 | 2805.3 | 2818.6 | 2815.9 | 2818.6 | 2829.3 | 2855.9 | 2861.2 | 2863.9 |
| 20°    | 2576.2 | 2704.0 | 2754.7 | 2762.7 | 2776.0 | 2776.0 | 2776.0 | 2789.3 | 2815.9 | 2826.6 | 2826.6 |
| 22.5°  | 2485.6 | 2650.8 | 2704.0 | 2709.4 | 2725.4 | 2725.4 | 2730.7 | 2749.3 | 2773.3 | 2776.0 | 2776.0 |
| 25°    | 2379.0 | 2592.2 | 2637.4 | 2653.4 | 2669.4 | 2677.4 | 2685.4 | 2696.1 | 2704.0 | 2701.4 | 2704.0 |
| 27.5°  | 2267.1 | 2517.6 | 2576.2 | 2586.8 | 2608.1 | 2616.1 | 2626.8 | 2629.5 | 2632.1 | 2640.1 | 2634.8 |
| 30°    | 2141.9 | 2413.7 | 2501.6 | 2512.2 | 2546.9 | 2552.2 | 2541.5 | 2546.9 | 2560.2 | 2565.5 | 2570.8 |
| 32.5°  | 2000.7 | 2259.1 | 2424.3 | 2448.3 | 2480.3 | 2464.3 | 2461.6 | 2469.6 | 2490.9 | 2490.9 | 2496.3 |
| 35°    | 1808.9 | 2139.2 | 2352.4 | 2373.7 | 2397.7 | 2379.0 | 2389.7 | 2392.4 | 2405.7 | 2413.7 | 2411.0 |
| 37.5°  | 1598.4 | 2035.3 | 2277.7 | 2293.7 | 2312.4 | 2288.4 | 2304.4 | 2312.4 | 2323.0 | 2317.7 | 2317.7 |
| 40°    | 1411.9 | 1872.8 | 2189.8 | 2200.5 | 2216.4 | 2197.8 | 2213.8 | 2219.1 | 2224.4 | 2219.1 | 2216.4 |
| 42.5°  | 1273.4 | 1694.3 | 2096.6 | 2109.9 | 2099.2 | 2112.6 | 2117.9 | 2128.5 | 2120.5 | 2109.9 | 2109.9 |
| 45°    | 1166.8 | 1646.4 | 1995.3 | 2011.3 | 1995.3 | 2016.6 | 2024.6 | 2024.6 | 2000.7 | 1995.3 | 1992.7 |
| 47.5°  | 1132.2 | 1550.4 | 1894.1 | 1894.1 | 1886.1 | 1912.8 | 1926.1 | 1907.4 | 1883.4 | 1875.5 | 1875.5 |
| 50°    | 1129.5 | 1443.9 | 1755.6 | 1744.9 | 1782.2 | 1814.2 | 1800.9 | 1782.2 | 1763.6 | 1734.3 | 1734.3 |
| 52.5°  | 1025.6 | 1313.4 | 1577.1 | 1617.0 | 1675.7 | 1694.3 | 1673.0 | 1654.3 | 1622.4 | 1609.1 | 1598.4 |
| 55°    | 951.0  | 1177.5 | 1414.6 | 1494.5 | 1555.8 | 1579.8 | 1539.8 | 1521.1 | 1473.2 | 1465.2 | 1459.9 |
| 57.5°  | 935.1  | 980.4  | 1265.4 | 1366.6 | 1441.2 | 1438.6 | 1414.6 | 1380.0 | 1340.0 | 1332.0 | 1329.3 |
| 60°    | 857.8  | 708.6  | 1105.6 | 1225.4 | 1302.7 | 1294.7 | 1273.4 | 1241.4 | 1204.1 | 1198.8 | 1193.5 |
| 62.5°  | 777.9  | 514.2  | 924.4  | 1060.3 | 1169.5 | 1166.8 | 1148.2 | 1100.2 | 1073.6 | 1060.3 | 1049.6 |
| 65°    | 660.7  | 431.6  | 658.0  | 881.8  | 1039.0 | 1044.3 | 1004.3 | 969.7  | 940.4  | 924.4  | 921.7  |
| 67.5°  | 503.5  | 351.6  | 444.9  | 735.3  | 913.8  | 908.4  | 857.8  | 841.8  | 804.5  | 796.5  | 780.6  |
| 70°    | 373.0  | 234.4  | 309.0  | 596.7  | 791.2  | 777.9  | 737.9  | 719.3  | 684.6  | 666.0  | 655.3  |
| 72.5°  | 309.0  | 189.1  | 226.4  | 463.5  | 666.0  | 650.0  | 615.4  | 594.1  | 564.8  | 548.8  | 538.1  |
| 75°    | 250.4  | 199.8  | 173.2  | 343.7  | 540.8  | 530.1  | 498.2  | 476.9  | 452.9  | 431.6  | 434.2  |
| 77.5°  | 183.8  | 186.5  | 138.5  | 253.1  | 428.9  | 412.9  | 394.3  | 367.6  | 357.0  | 335.7  | 335.7  |
| 80°    | 138.5  | 146.5  | 103.9  | 173.2  | 309.0  | 309.0  | 293.0  | 274.4  | 255.7  | 245.1  | 245.1  |
| 82.5°  | 93.2   | 93.2   | 77.3   | 109.2  | 210.5  | 202.5  | 191.8  | 186.5  | 175.8  | 170.5  | 170.5  |
| 85°    | 42.6   | 53.3   | 48.0   | 66.6   | 114.6  | 119.9  | 119.9  | 114.6  | 111.9  | 106.6  | 109.2  |
| 87.5°  | 13.3   | 24.0   | 29.3   | 37.3   | 58.6   | 61.3   | 63.9   | 63.9   | 63.9   | 66.6   | 66.6   |
| 90°    | 13.8   | 24.8   | 35.9   | 38.6   | 60.7   | 90.0   | 104.8  | 93.2   | 69.9   | 52.4   | 52.4   |
| 92.5°  | 55.1   | 148.9  | 242.8  | 266.2  | 374.3  | 518.3  | 590.3  | 517.3  | 371.5  | 262.0  | 251.7  |
| 95°    | 132.4  | 304.1  | 475.7  | 518.6  | 920.9  | 1457.3 | 1725.5 | 1539.7 | 1168.3 | 889.7  | 858.1  |
| 97.5°  | 228.9  | 380.3  | 531.8  | 569.7  | 1240.4 | 2134.8 | 2582.0 | 2464.6 | 2229.9 | 2053.8 | 1993.6 |
| 100°   | 303.4  | 440.8  | 578.1  | 612.5  | 1356.8 | 2349.3 | 2845.5 | 2854.1 | 2871.3 | 2884.1 | 2812.6 |
| 102.5° | 366.9  | 495.1  | 623.1  | 655.2  | 1410.1 | 2416.7 | 2920.0 | 3069.5 | 3368.7 | 3593.1 | 3531.8 |
| 105°   | 474.5  | 583.0  | 691.5  | 718.7  | 1449.7 | 2424.3 | 2911.7 | 3247.0 | 3917.7 | 4420.6 | 4387.7 |
| 107.5° | 584.8  | 686.0  | 787.1  | 812.4  | 1457.0 | 2316.5 | 2746.2 | 3213.9 | 4149.4 | 4851.0 | 4859.0 |
| 110°   | 659.3  | 750.6  | 842.0  | 864.8  | 1445.9 | 2220.8 | 2608.2 | 3131.2 | 4177.0 | 4961.3 | 4995.7 |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 10°    | 20°    | 22.5°  | 30°    | 40°    | 45°    | 50°    | 60°    | 67.5°  | 70°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 732.4  | 819.4  | 906.5  | 928.2  | 1446.4 | 2137.3 | 2482.8 | 3018.0 | 4088.3 | 4891.0 | 4943.8 |
| 115°   | 842.7  | 923.0  | 1003.4 | 1023.4 | 1459.8 | 2041.5 | 2332.4 | 2848.0 | 3879.1 | 4652.4 | 4725.5 |
| 117.5° | 951.8  | 1024.7 | 1097.7 | 1115.9 | 1486.9 | 1981.6 | 2229.0 | 2694.3 | 3624.8 | 4322.7 | 4403.8 |
| 120°   | 1015.2 | 1083.8 | 1152.5 | 1169.7 | 1509.0 | 1961.4 | 2187.6 | 2612.8 | 3463.0 | 4100.7 | 4179.5 |
| 122.5° | 1077.2 | 1146.5 | 1215.8 | 1233.1 | 1540.7 | 1950.8 | 2155.9 | 2538.7 | 3304.3 | 3878.6 | 3956.3 |
| 125°   | 1172.4 | 1235.6 | 1298.7 | 1314.5 | 1583.5 | 1942.1 | 2121.3 | 2446.5 | 3097.0 | 3584.8 | 3656.3 |
| 127.5° | 1249.7 | 1313.4 | 1377.2 | 1393.1 | 1626.2 | 1937.0 | 2092.4 | 2371.6 | 2930.0 | 3348.9 | 3409.3 |
| 130°   | 1291.1 | 1359.7 | 1428.3 | 1445.5 | 1657.5 | 1940.1 | 2081.4 | 2329.9 | 2827.1 | 3200.0 | 3255.8 |
| 132.5° | 1333.8 | 1402.4 | 1471.1 | 1488.3 | 1682.8 | 1942.1 | 2071.7 | 2294.2 | 2739.3 | 3073.1 | 3123.1 |
| 135°   | 1397.3 | 1459.8 | 1522.3 | 1537.9 | 1710.4 | 1940.3 | 2055.2 | 2241.6 | 2614.3 | 2893.8 | 2936.9 |
| 137.5° | 1462.1 | 1524.0 | 1585.9 | 1601.3 | 1751.7 | 1952.2 | 2052.4 | 2210.0 | 2525.0 | 2761.3 | 2796.6 |
| 140°   | 1515.8 | 1572.8 | 1629.8 | 1644.1 | 1777.0 | 1954.1 | 2042.8 | 2178.8 | 2451.0 | 2655.1 | 2688.1 |
| 142.5° | 1557.2 | 1609.9 | 1662.7 | 1675.8 | 1798.1 | 1961.2 | 2042.8 | 2162.3 | 2401.4 | 2580.7 | 2609.0 |
| 145°   | 1620.7 | 1666.7 | 1712.7 | 1724.1 | 1825.7 | 1961.2 | 2029.0 | 2126.8 | 2322.3 | 2468.9 | 2490.4 |
| 147.5° | 1684.1 | 1728.8 | 1773.6 | 1784.8 | 1866.2 | 1974.7 | 2029.0 | 2105.9 | 2259.8 | 2375.1 | 2392.9 |
| 150°   | 1725.5 | 1766.0 | 1806.5 | 1816.6 | 1887.4 | 1981.7 | 2029.0 | 2094.0 | 2223.9 | 2321.3 | 2335.7 |
| 152.5° | 1768.3 | 1798.9 | 1829.6 | 1837.3 | 1901.2 | 1986.4 | 2029.0 | 2084.5 | 2195.4 | 2278.6 | 2289.5 |
| 155°   | 1831.7 | 1854.4 | 1877.1 | 1882.7 | 1931.5 | 1996.5 | 2029.0 | 2073.1 | 2161.4 | 2227.5 | 2234.7 |
| 157.5° | 1878.7 | 1900.7 | 1922.8 | 1928.3 | 1961.9 | 2006.6 | 2029.0 | 2063.3 | 2131.9 | 2183.4 | 2188.5 |
| 160°   | 1910.4 | 1927.5 | 1944.7 | 1949.0 | 1975.6 | 2011.2 | 2029.0 | 2058.4 | 2117.3 | 2161.4 | 2164.3 |
| 162.5° | 1942.1 | 1954.9 | 1967.8 | 1971.0 | 1990.4 | 2016.1 | 2029.0 | 2053.9 | 2103.5 | 2140.7 | 2143.5 |
| 165°   | 1976.5 | 1988.1 | 1999.8 | 2002.7 | 2011.5 | 2023.1 | 2029.0 | 2046.8 | 2082.3 | 2108.9 | 2111.8 |
| 167.5° | 2008.3 | 2013.8 | 2019.3 | 2020.6 | 2028.0 | 2037.9 | 2042.8 | 2054.4 | 2077.7 | 2095.1 | 2096.4 |
| 170°   | 2029.0 | 2034.5 | 2040.0 | 2041.3 | 2041.8 | 2042.4 | 2042.8 | 2054.4 | 2077.7 | 2095.1 | 2095.1 |
| 172.5° | 2040.0 | 2041.2 | 2042.5 | 2042.8 | 2042.8 | 2042.8 | 2042.8 | 2052.0 | 2070.4 | 2084.1 | 2083.1 |
| 175°   | 2055.2 | 2055.2 | 2055.2 | 2055.2 | 2051.0 | 2045.5 | 2042.8 | 2048.6 | 2060.2 | 2069.0 | 2069.0 |
| 177.5° | 2055.2 | 2055.2 | 2055.2 | 2055.2 | 2052.0 | 2047.6 | 2045.5 | 2050.1 | 2059.3 | 2066.2 | 2065.0 |
| 180°   | 2055.2 | 2055.2 | 2055.2 | 2055.2 | 2055.2 | 2055.2 | 2055.2 | 2055.2 | 2055.2 | 2055.2 | 2055.2 |



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CATALOG NUMBER: SQ4-FA-125U-075D-940-1D-UNV-STD-W-12

**CANDELA DISTRIBUTION (continued):**

|        | 80°    | 90°    | 100°   | 110°   | 112.5° | 120°   | 130°   | 135°   | 140°   | 150°   | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 2815.9 | 2815.9 | 2815.9 | 2815.9 | 2815.9 | 2815.9 | 2815.9 | 2815.9 | 2815.9 | 2815.9 | 2815.9 |
| 2.5°   | 2887.9 | 2879.9 | 2887.9 | 2882.5 | 2885.2 | 2877.2 | 2853.2 | 2845.2 | 2853.2 | 2861.2 | 2861.2 |
| 5°     | 2922.5 | 2917.2 | 2922.5 | 2922.5 | 2919.8 | 2914.5 | 2887.9 | 2882.5 | 2887.9 | 2890.5 | 2885.2 |
| 7.5°   | 2933.2 | 2925.2 | 2933.2 | 2927.8 | 2927.8 | 2922.5 | 2895.9 | 2890.5 | 2893.2 | 2901.2 | 2893.2 |
| 10°    | 2933.2 | 2925.2 | 2933.2 | 2930.5 | 2927.8 | 2922.5 | 2895.9 | 2885.2 | 2885.2 | 2893.2 | 2885.2 |
| 12.5°  | 2919.8 | 2914.5 | 2919.8 | 2914.5 | 2914.5 | 2909.2 | 2882.5 | 2871.9 | 2874.5 | 2877.2 | 2866.6 |
| 15°    | 2898.5 | 2890.5 | 2898.5 | 2893.2 | 2895.9 | 2887.9 | 2858.6 | 2847.9 | 2847.9 | 2853.2 | 2834.6 |
| 17.5°  | 2866.6 | 2855.9 | 2866.6 | 2863.9 | 2861.2 | 2855.9 | 2829.3 | 2818.6 | 2815.9 | 2818.6 | 2805.3 |
| 20°    | 2829.3 | 2821.3 | 2829.3 | 2826.6 | 2826.6 | 2815.9 | 2789.3 | 2776.0 | 2776.0 | 2776.0 | 2762.7 |
| 22.5°  | 2770.6 | 2762.7 | 2770.6 | 2776.0 | 2776.0 | 2773.3 | 2749.3 | 2730.7 | 2725.4 | 2725.4 | 2709.4 |
| 25°    | 2704.0 | 2696.1 | 2704.0 | 2704.0 | 2701.4 | 2704.0 | 2696.1 | 2685.4 | 2677.4 | 2669.4 | 2653.4 |
| 27.5°  | 2640.1 | 2634.8 | 2640.1 | 2634.8 | 2640.1 | 2632.1 | 2629.5 | 2626.8 | 2616.1 | 2608.1 | 2586.8 |
| 30°    | 2576.2 | 2570.8 | 2576.2 | 2570.8 | 2565.5 | 2560.2 | 2546.9 | 2541.5 | 2552.2 | 2546.9 | 2512.2 |
| 32.5°  | 2496.3 | 2490.9 | 2496.3 | 2496.3 | 2490.9 | 2490.9 | 2469.6 | 2461.6 | 2464.3 | 2480.3 | 2448.3 |
| 35°    | 2413.7 | 2405.7 | 2413.7 | 2411.0 | 2413.7 | 2405.7 | 2392.4 | 2389.7 | 2379.0 | 2397.7 | 2373.7 |
| 37.5°  | 2317.7 | 2309.7 | 2317.7 | 2317.7 | 2317.7 | 2323.0 | 2312.4 | 2304.4 | 2288.4 | 2312.4 | 2293.7 |
| 40°    | 2219.1 | 2208.5 | 2219.1 | 2216.4 | 2219.1 | 2224.4 | 2219.1 | 2213.8 | 2197.8 | 2216.4 | 2200.5 |
| 42.5°  | 2107.2 | 2104.6 | 2107.2 | 2109.9 | 2109.9 | 2120.5 | 2128.5 | 2117.9 | 2112.6 | 2099.2 | 2109.9 |
| 45°    | 1987.3 | 1982.0 | 1987.3 | 1992.7 | 1995.3 | 2000.7 | 2024.6 | 2024.6 | 2016.6 | 1995.3 | 2011.3 |
| 47.5°  | 1859.5 | 1846.2 | 1859.5 | 1875.5 | 1875.5 | 1883.4 | 1907.4 | 1926.1 | 1912.8 | 1886.1 | 1894.1 |
| 50°    | 1723.6 | 1726.3 | 1723.6 | 1734.3 | 1734.3 | 1763.6 | 1782.2 | 1800.9 | 1814.2 | 1782.2 | 1744.9 |
| 52.5°  | 1590.4 | 1587.7 | 1590.4 | 1598.4 | 1609.1 | 1622.4 | 1654.3 | 1673.0 | 1694.3 | 1675.7 | 1617.0 |
| 55°    | 1457.2 | 1462.5 | 1457.2 | 1459.9 | 1465.2 | 1473.2 | 1521.1 | 1539.8 | 1579.8 | 1555.8 | 1494.5 |
| 57.5°  | 1324.0 | 1316.0 | 1324.0 | 1329.3 | 1332.0 | 1340.0 | 1380.0 | 1414.6 | 1438.6 | 1441.2 | 1366.6 |
| 60°    | 1169.5 | 1158.8 | 1169.5 | 1193.5 | 1198.8 | 1204.1 | 1241.4 | 1273.4 | 1294.7 | 1302.7 | 1225.4 |
| 62.5°  | 1033.6 | 1015.0 | 1033.6 | 1049.6 | 1060.3 | 1073.6 | 1100.2 | 1148.2 | 1166.8 | 1169.5 | 1060.3 |
| 65°    | 889.8  | 881.8  | 889.8  | 921.7  | 924.4  | 940.4  | 969.7  | 1004.3 | 1044.3 | 1039.0 | 881.8  |
| 67.5°  | 759.2  | 759.2  | 759.2  | 780.6  | 796.5  | 804.5  | 841.8  | 857.8  | 908.4  | 913.8  | 735.3  |
| 70°    | 639.4  | 636.7  | 639.4  | 655.3  | 666.0  | 684.6  | 719.3  | 737.9  | 777.9  | 791.2  | 596.7  |
| 72.5°  | 524.8  | 522.1  | 524.8  | 538.1  | 548.8  | 564.8  | 594.1  | 615.4  | 650.0  | 666.0  | 463.5  |
| 75°    | 423.6  | 418.2  | 423.6  | 434.2  | 431.6  | 452.9  | 476.9  | 498.2  | 530.1  | 540.8  | 343.7  |
| 77.5°  | 325.0  | 325.0  | 325.0  | 335.7  | 335.7  | 357.0  | 367.6  | 394.3  | 412.9  | 428.9  | 253.1  |
| 80°    | 242.4  | 239.8  | 242.4  | 245.1  | 245.1  | 255.7  | 274.4  | 293.0  | 309.0  | 309.0  | 173.2  |
| 82.5°  | 170.5  | 165.2  | 170.5  | 170.5  | 170.5  | 175.8  | 186.5  | 191.8  | 202.5  | 210.5  | 109.2  |
| 85°    | 106.6  | 106.6  | 106.6  | 109.2  | 106.6  | 111.9  | 114.6  | 119.9  | 119.9  | 114.6  | 66.6   |
| 87.5°  | 69.3   | 66.6   | 69.3   | 66.6   | 66.6   | 63.9   | 63.9   | 63.9   | 61.3   | 58.6   | 37.3   |
| 90°    | 52.4   | 52.4   | 52.4   | 52.4   | 52.4   | 69.9   | 93.2   | 104.8  | 90.0   | 60.7   | 38.6   |
| 92.5°  | 209.9  | 168.3  | 209.9  | 251.7  | 262.0  | 371.5  | 517.3  | 590.3  | 518.3  | 374.3  | 266.2  |
| 95°    | 731.8  | 605.5  | 731.8  | 858.1  | 889.7  | 1168.3 | 1539.7 | 1725.5 | 1457.3 | 920.9  | 518.6  |
| 97.5°  | 1753.4 | 1513.1 | 1753.4 | 1993.6 | 2053.8 | 2229.9 | 2464.6 | 2582.0 | 2134.8 | 1240.4 | 569.7  |
| 100°   | 2526.3 | 2240.0 | 2526.3 | 2812.6 | 2884.1 | 2871.3 | 2854.1 | 2845.5 | 2349.3 | 1356.8 | 612.5  |
| 102.5° | 3286.6 | 3041.4 | 3286.6 | 3531.8 | 3593.1 | 3368.7 | 3069.5 | 2920.0 | 2416.7 | 1410.1 | 655.2  |
| 105°   | 4255.9 | 4124.1 | 4255.9 | 4387.7 | 4420.6 | 3917.7 | 3247.0 | 2911.7 | 2424.3 | 1449.7 | 718.7  |
| 107.5° | 4890.8 | 4922.7 | 4890.8 | 4859.0 | 4851.0 | 4149.4 | 3213.9 | 2746.2 | 2316.5 | 1457.0 | 812.4  |
| 110°   | 5133.0 | 5270.3 | 5133.0 | 4995.7 | 4961.3 | 4177.0 | 3131.2 | 2608.2 | 2220.8 | 1445.9 | 864.8  |





TEST NUMBER: P935573

CATALOG NUMBER: SQ4-FA-125U-075D-940-1D-UNV-STD-W-12

**CANDELA DISTRIBUTION (continued):**

|        | 80°    | 90°    | 100°   | 110°   | 112.5° | 120°   | 130°   | 135°   | 140°   | 150°   | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 5154.6 | 5365.5 | 5154.6 | 4943.8 | 4891.0 | 4088.3 | 3018.0 | 2482.8 | 2137.3 | 1446.4 | 928.2  |
| 115°   | 5017.9 | 5310.3 | 5017.9 | 4725.5 | 4652.4 | 3879.1 | 2848.0 | 2332.4 | 2041.5 | 1459.8 | 1023.4 |
| 117.5° | 4728.1 | 5052.4 | 4728.1 | 4403.8 | 4322.7 | 3624.8 | 2694.3 | 2229.0 | 1981.6 | 1486.9 | 1115.9 |
| 120°   | 4494.5 | 4809.6 | 4494.5 | 4179.5 | 4100.7 | 3463.0 | 2612.8 | 2187.6 | 1961.4 | 1509.0 | 1169.7 |
| 122.5° | 4267.1 | 4577.9 | 4267.1 | 3956.3 | 3878.6 | 3304.3 | 2538.7 | 2155.9 | 1950.8 | 1540.7 | 1233.1 |
| 125°   | 3942.6 | 4228.9 | 3942.6 | 3656.3 | 3584.8 | 3097.0 | 2446.5 | 2121.3 | 1942.1 | 1583.5 | 1314.5 |
| 127.5° | 3650.8 | 3892.4 | 3650.8 | 3409.3 | 3348.9 | 2930.0 | 2371.6 | 2092.4 | 1937.0 | 1626.2 | 1393.1 |
| 130°   | 3478.9 | 3702.1 | 3478.9 | 3255.8 | 3200.0 | 2827.1 | 2329.9 | 2081.4 | 1940.1 | 1657.5 | 1445.5 |
| 132.5° | 3322.9 | 3522.7 | 3322.9 | 3123.1 | 3073.1 | 2739.3 | 2294.2 | 2071.7 | 1942.1 | 1682.8 | 1488.3 |
| 135°   | 3109.1 | 3281.3 | 3109.1 | 2936.9 | 2893.8 | 2614.3 | 2241.6 | 2055.2 | 1940.3 | 1710.4 | 1537.9 |
| 137.5° | 2937.6 | 3078.6 | 2937.6 | 2796.6 | 2761.3 | 2525.0 | 2210.0 | 2052.4 | 1952.2 | 1751.7 | 1601.3 |
| 140°   | 2819.9 | 2951.7 | 2819.9 | 2688.1 | 2655.1 | 2451.0 | 2178.8 | 2042.8 | 1954.1 | 1777.0 | 1644.1 |
| 142.5° | 2722.4 | 2835.8 | 2722.4 | 2609.0 | 2580.7 | 2401.4 | 2162.3 | 2042.8 | 1961.2 | 1798.1 | 1675.8 |
| 145°   | 2576.2 | 2662.0 | 2576.2 | 2490.4 | 2468.9 | 2322.3 | 2126.8 | 2029.0 | 1961.2 | 1825.7 | 1724.1 |
| 147.5° | 2464.0 | 2535.2 | 2464.0 | 2392.9 | 2375.1 | 2259.8 | 2105.9 | 2029.0 | 1974.7 | 1866.2 | 1784.8 |
| 150°   | 2393.4 | 2451.1 | 2393.4 | 2335.7 | 2321.3 | 2223.9 | 2094.0 | 2029.0 | 1981.7 | 1887.4 | 1816.6 |
| 152.5° | 2333.0 | 2376.6 | 2333.0 | 2289.5 | 2278.6 | 2195.4 | 2084.5 | 2029.0 | 1986.4 | 1901.2 | 1837.3 |
| 155°   | 2263.6 | 2292.4 | 2263.6 | 2234.7 | 2227.5 | 2161.4 | 2073.1 | 2029.0 | 1996.5 | 1931.5 | 1882.7 |
| 157.5° | 2208.7 | 2229.0 | 2208.7 | 2188.5 | 2183.4 | 2131.9 | 2063.3 | 2029.0 | 2006.6 | 1961.9 | 1928.3 |
| 160°   | 2176.0 | 2187.6 | 2176.0 | 2164.3 | 2161.4 | 2117.3 | 2058.4 | 2029.0 | 2011.2 | 1975.6 | 1949.0 |
| 162.5° | 2154.5 | 2165.5 | 2154.5 | 2143.5 | 2140.7 | 2103.5 | 2053.9 | 2029.0 | 2016.1 | 1990.4 | 1971.0 |
| 165°   | 2123.5 | 2135.2 | 2123.5 | 2111.8 | 2108.9 | 2082.3 | 2046.8 | 2029.0 | 2023.1 | 2011.5 | 2002.7 |
| 167.5° | 2101.3 | 2106.2 | 2101.3 | 2096.4 | 2095.1 | 2077.7 | 2054.4 | 2042.8 | 2037.9 | 2028.0 | 2020.6 |
| 170°   | 2095.1 | 2095.1 | 2095.1 | 2095.1 | 2095.1 | 2077.7 | 2054.4 | 2042.8 | 2042.4 | 2041.8 | 2041.3 |
| 172.5° | 2078.7 | 2074.5 | 2078.7 | 2083.1 | 2084.1 | 2070.4 | 2052.0 | 2042.8 | 2042.8 | 2042.8 | 2042.8 |
| 175°   | 2069.0 | 2069.0 | 2069.0 | 2069.0 | 2069.0 | 2060.2 | 2048.6 | 2042.8 | 2045.5 | 2051.0 | 2055.2 |
| 177.5° | 2060.1 | 2055.2 | 2060.1 | 2065.0 | 2066.2 | 2059.3 | 2050.1 | 2045.5 | 2047.6 | 2052.0 | 2055.2 |
| 180°   | 2055.2 | 2055.2 | 2055.2 | 2055.2 | 2055.2 | 2055.2 | 2055.2 | 2055.2 | 2055.2 | 2055.2 | 2055.2 |



TEST NUMBER: P935573

CATALOG NUMBER: SQ4-FA-125U-075D-940-1D-UNV-STD-W-12

**CANDELA DISTRIBUTION (continued):**

|        | 160°   | 170°   | 180°   | 190°   | 200°   | 202.5° | 210°   | 220°   | 225°   | 230°   | 240°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 2815.9 | 2815.9 | 2815.9 | 2815.9 | 2815.9 | 2815.9 | 2815.9 | 2815.9 | 2815.9 | 2815.9 | 2815.9 |
| 2.5°   | 2855.9 | 2839.9 | 2839.9 | 2813.3 | 2802.6 | 2794.6 | 2781.3 | 2741.3 | 2730.7 | 2720.0 | 2736.0 |
| 5°     | 2879.9 | 2850.6 | 2829.3 | 2781.3 | 2741.3 | 2725.4 | 2674.7 | 2578.8 | 2514.9 | 2467.0 | 2440.3 |
| 7.5°   | 2885.2 | 2847.9 | 2807.9 | 2733.4 | 2637.4 | 2594.8 | 2440.3 | 2264.4 | 2216.4 | 2173.8 | 2147.2 |
| 10°    | 2879.9 | 2837.2 | 2781.3 | 2669.4 | 2443.0 | 2368.4 | 2213.8 | 2099.2 | 2069.9 | 2061.9 | 2069.9 |
| 12.5°  | 2861.2 | 2821.3 | 2744.0 | 2557.5 | 2240.4 | 2189.8 | 2099.2 | 2032.6 | 2027.3 | 2040.6 | 2112.6 |
| 15°    | 2829.3 | 2792.0 | 2701.4 | 2408.3 | 2128.5 | 2091.2 | 2027.3 | 2003.3 | 2032.6 | 2125.9 | 2341.7 |
| 17.5°  | 2797.3 | 2754.7 | 2642.8 | 2261.7 | 2043.3 | 2016.6 | 1971.4 | 2019.3 | 2184.5 | 2309.7 | 2381.7 |
| 20°    | 2754.7 | 2704.0 | 2576.2 | 2155.2 | 1982.0 | 1958.0 | 1936.7 | 2152.5 | 2277.7 | 2323.0 | 2363.1 |
| 22.5°  | 2704.0 | 2650.8 | 2485.6 | 2080.6 | 1918.1 | 1899.4 | 1912.8 | 2227.1 | 2277.7 | 2309.7 | 2344.3 |
| 25°    | 2637.4 | 2592.2 | 2379.0 | 2022.0 | 1867.5 | 1846.2 | 1896.8 | 2219.1 | 2248.4 | 2256.4 | 2325.7 |
| 27.5°  | 2576.2 | 2517.6 | 2267.1 | 1968.7 | 1806.2 | 1798.2 | 1910.1 | 2184.5 | 2205.8 | 2213.8 | 2288.4 |
| 30°    | 2501.6 | 2413.7 | 2141.9 | 1912.8 | 1742.3 | 1739.6 | 1912.8 | 2141.9 | 2136.5 | 2157.8 | 2232.4 |
| 32.5°  | 2424.3 | 2259.1 | 2000.7 | 1843.5 | 1681.0 | 1678.3 | 1894.1 | 2077.9 | 2072.6 | 2101.9 | 2157.8 |
| 35°    | 2352.4 | 2139.2 | 1808.9 | 1763.6 | 1603.7 | 1606.4 | 1848.8 | 2003.3 | 2006.0 | 2032.6 | 2067.3 |
| 37.5°  | 2277.7 | 2035.3 | 1598.4 | 1675.7 | 1529.1 | 1529.1 | 1787.5 | 1934.1 | 1928.7 | 1936.7 | 1984.7 |
| 40°    | 2189.8 | 1872.8 | 1411.9 | 1561.1 | 1459.9 | 1451.9 | 1713.0 | 1859.5 | 1840.8 | 1838.2 | 1904.8 |
| 42.5°  | 2096.6 | 1694.3 | 1273.4 | 1409.3 | 1380.0 | 1369.3 | 1622.4 | 1768.9 | 1734.3 | 1742.3 | 1827.5 |
| 45°    | 1995.3 | 1646.4 | 1166.8 | 1190.8 | 1297.4 | 1289.4 | 1523.8 | 1665.0 | 1641.0 | 1662.3 | 1750.2 |
| 47.5°  | 1894.1 | 1550.4 | 1132.2 | 988.3  | 1209.5 | 1206.8 | 1414.6 | 1563.8 | 1550.4 | 1571.8 | 1665.0 |
| 50°    | 1755.6 | 1443.9 | 1129.5 | 847.2  | 1110.9 | 1121.5 | 1284.0 | 1465.2 | 1465.2 | 1483.8 | 1582.4 |
| 52.5°  | 1577.1 | 1313.4 | 1025.6 | 767.2  | 996.3  | 1028.3 | 1169.5 | 1380.0 | 1385.3 | 1403.9 | 1491.8 |
| 55°    | 1414.6 | 1177.5 | 951.0  | 706.0  | 860.5  | 929.7  | 1057.6 | 1292.0 | 1302.7 | 1321.3 | 1401.3 |
| 57.5°  | 1265.4 | 980.4  | 935.1  | 634.0  | 735.3  | 801.9  | 959.0  | 1206.8 | 1212.1 | 1228.1 | 1305.4 |
| 60°    | 1105.6 | 708.6  | 857.8  | 556.8  | 626.0  | 676.7  | 868.5  | 1105.6 | 1124.2 | 1134.9 | 1201.5 |
| 62.5°  | 924.4  | 514.2  | 777.9  | 503.5  | 572.8  | 583.4  | 793.9  | 1009.7 | 1033.6 | 1041.6 | 1081.6 |
| 65°    | 658.0  | 431.6  | 660.7  | 458.2  | 516.8  | 519.5  | 714.0  | 911.1  | 932.4  | 945.7  | 975.0  |
| 67.5°  | 444.9  | 351.6  | 503.5  | 415.6  | 474.2  | 476.9  | 636.7  | 796.5  | 825.8  | 836.5  | 855.1  |
| 70°    | 309.0  | 234.4  | 373.0  | 370.3  | 426.2  | 431.6  | 554.1  | 692.6  | 719.3  | 727.3  | 737.9  |
| 72.5°  | 226.4  | 189.1  | 309.0  | 333.0  | 375.6  | 381.0  | 468.9  | 575.4  | 602.1  | 610.1  | 615.4  |
| 75°    | 173.2  | 199.8  | 250.4  | 290.4  | 319.7  | 322.3  | 383.6  | 468.9  | 487.5  | 492.8  | 495.5  |
| 77.5°  | 138.5  | 186.5  | 183.8  | 234.4  | 261.1  | 255.7  | 301.0  | 362.3  | 378.3  | 378.3  | 378.3  |
| 80°    | 103.9  | 146.5  | 138.5  | 167.8  | 191.8  | 186.5  | 215.8  | 258.4  | 263.7  | 269.1  | 266.4  |
| 82.5°  | 77.3   | 93.2   | 93.2   | 106.6  | 127.9  | 122.5  | 143.9  | 167.8  | 167.8  | 167.8  | 173.2  |
| 85°    | 48.0   | 53.3   | 42.6   | 55.9   | 71.9   | 69.3   | 79.9   | 90.6   | 93.2   | 93.2   | 87.9   |
| 87.5°  | 29.3   | 24.0   | 13.3   | 21.3   | 32.0   | 32.0   | 37.3   | 40.0   | 37.3   | 37.3   | 37.3   |
| 90°    | 35.9   | 24.8   | 13.8   | 24.8   | 35.9   | 38.6   | 60.7   | 90.0   | 104.8  | 93.2   | 69.9   |
| 92.5°  | 242.8  | 148.9  | 55.1   | 148.9  | 242.8  | 266.2  | 374.3  | 518.3  | 590.3  | 517.3  | 371.5  |
| 95°    | 475.7  | 304.1  | 132.4  | 304.1  | 475.7  | 518.6  | 920.9  | 1457.3 | 1725.5 | 1539.7 | 1168.3 |
| 97.5°  | 531.8  | 380.3  | 228.9  | 380.3  | 531.8  | 569.7  | 1240.4 | 2134.8 | 2582.0 | 2464.6 | 2229.9 |
| 100°   | 578.1  | 440.8  | 303.4  | 440.8  | 578.1  | 612.5  | 1356.8 | 2349.3 | 2845.5 | 2854.1 | 2871.3 |
| 102.5° | 623.1  | 495.1  | 366.9  | 495.1  | 623.1  | 655.2  | 1410.1 | 2416.7 | 2920.0 | 3069.5 | 3368.7 |
| 105°   | 691.5  | 583.0  | 474.5  | 583.0  | 691.5  | 718.7  | 1449.7 | 2424.3 | 2911.7 | 3247.0 | 3917.7 |
| 107.5° | 787.1  | 686.0  | 584.8  | 686.0  | 787.1  | 812.4  | 1457.0 | 2316.5 | 2746.2 | 3213.9 | 4149.4 |
| 110°   | 842.0  | 750.6  | 659.3  | 750.6  | 842.0  | 864.8  | 1445.9 | 2220.8 | 2608.2 | 3131.2 | 4177.0 |



TEST NUMBER: P935573

CATALOG NUMBER: SQ4-FA-125U-075D-940-1D-UNV-STD-W-12

**CANDELA DISTRIBUTION (continued):**

|        | 160°   | 170°   | 180°   | 190°   | 200°   | 202.5° | 210°   | 220°   | 225°   | 230°   | 240°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 906.5  | 819.4  | 732.4  | 819.4  | 906.5  | 928.2  | 1446.4 | 2137.3 | 2482.8 | 3018.0 | 4088.3 |
| 115°   | 1003.4 | 923.0  | 842.7  | 923.0  | 1003.4 | 1023.4 | 1459.8 | 2041.5 | 2332.4 | 2848.0 | 3879.1 |
| 117.5° | 1097.7 | 1024.7 | 951.8  | 1024.7 | 1097.7 | 1115.9 | 1486.9 | 1981.6 | 2229.0 | 2694.3 | 3624.8 |
| 120°   | 1152.5 | 1083.8 | 1015.2 | 1083.8 | 1152.5 | 1169.7 | 1509.0 | 1961.4 | 2187.6 | 2612.8 | 3463.0 |
| 122.5° | 1215.8 | 1146.5 | 1077.2 | 1146.5 | 1215.8 | 1233.1 | 1540.7 | 1950.8 | 2155.9 | 2538.7 | 3304.3 |
| 125°   | 1298.7 | 1235.6 | 1172.4 | 1235.6 | 1298.7 | 1314.5 | 1583.5 | 1942.1 | 2121.3 | 2446.5 | 3097.0 |
| 127.5° | 1377.2 | 1313.4 | 1249.7 | 1313.4 | 1377.2 | 1393.1 | 1626.2 | 1937.0 | 2092.4 | 2371.6 | 2930.0 |
| 130°   | 1428.3 | 1359.7 | 1291.1 | 1359.7 | 1428.3 | 1445.5 | 1657.5 | 1940.1 | 2081.4 | 2329.9 | 2827.1 |
| 132.5° | 1471.1 | 1402.4 | 1333.8 | 1402.4 | 1471.1 | 1488.3 | 1682.8 | 1942.1 | 2071.7 | 2294.2 | 2739.3 |
| 135°   | 1522.3 | 1459.8 | 1397.3 | 1459.8 | 1522.3 | 1537.9 | 1710.4 | 1940.3 | 2055.2 | 2241.6 | 2614.3 |
| 137.5° | 1585.9 | 1524.0 | 1462.1 | 1524.0 | 1585.9 | 1601.3 | 1751.7 | 1952.2 | 2052.4 | 2210.0 | 2525.0 |
| 140°   | 1629.8 | 1572.8 | 1515.8 | 1572.8 | 1629.8 | 1644.1 | 1777.0 | 1954.1 | 2042.8 | 2178.8 | 2451.0 |
| 142.5° | 1662.7 | 1609.9 | 1557.2 | 1609.9 | 1662.7 | 1675.8 | 1798.1 | 1961.2 | 2042.8 | 2162.3 | 2401.4 |
| 145°   | 1712.7 | 1666.7 | 1620.7 | 1666.7 | 1712.7 | 1724.1 | 1825.7 | 1961.2 | 2029.0 | 2126.8 | 2322.3 |
| 147.5° | 1773.6 | 1728.8 | 1684.1 | 1728.8 | 1773.6 | 1784.8 | 1866.2 | 1974.7 | 2029.0 | 2105.9 | 2259.8 |
| 150°   | 1806.5 | 1766.0 | 1725.5 | 1766.0 | 1806.5 | 1816.6 | 1887.4 | 1981.7 | 2029.0 | 2094.0 | 2223.9 |
| 152.5° | 1829.6 | 1798.9 | 1768.3 | 1798.9 | 1829.6 | 1837.3 | 1901.2 | 1986.4 | 2029.0 | 2084.5 | 2195.4 |
| 155°   | 1877.1 | 1854.4 | 1831.7 | 1854.4 | 1877.1 | 1882.7 | 1931.5 | 1996.5 | 2029.0 | 2073.1 | 2161.4 |
| 157.5° | 1922.8 | 1900.7 | 1878.7 | 1900.7 | 1922.8 | 1928.3 | 1961.9 | 2006.6 | 2029.0 | 2063.3 | 2131.9 |
| 160°   | 1944.7 | 1927.5 | 1910.4 | 1927.5 | 1944.7 | 1949.0 | 1975.6 | 2011.2 | 2029.0 | 2058.4 | 2117.3 |
| 162.5° | 1967.8 | 1954.9 | 1942.1 | 1954.9 | 1967.8 | 1971.0 | 1990.4 | 2016.1 | 2029.0 | 2053.9 | 2103.5 |
| 165°   | 1999.8 | 1988.1 | 1976.5 | 1988.1 | 1999.8 | 2002.7 | 2011.5 | 2023.1 | 2029.0 | 2046.8 | 2082.3 |
| 167.5° | 2019.3 | 2013.8 | 2008.3 | 2013.8 | 2019.3 | 2020.6 | 2028.0 | 2037.9 | 2042.8 | 2054.4 | 2077.7 |
| 170°   | 2040.0 | 2034.5 | 2029.0 | 2034.5 | 2040.0 | 2041.3 | 2041.8 | 2042.4 | 2042.8 | 2054.4 | 2077.7 |
| 172.5° | 2042.5 | 2041.2 | 2040.0 | 2041.2 | 2042.5 | 2042.8 | 2042.8 | 2042.8 | 2042.8 | 2052.0 | 2070.4 |
| 175°   | 2055.2 | 2055.2 | 2055.2 | 2055.2 | 2055.2 | 2055.2 | 2051.0 | 2045.5 | 2042.8 | 2048.6 | 2060.2 |
| 177.5° | 2055.2 | 2055.2 | 2055.2 | 2055.2 | 2055.2 | 2055.2 | 2052.0 | 2047.6 | 2045.5 | 2050.1 | 2059.3 |
| 180°   | 2055.2 | 2055.2 | 2055.2 | 2055.2 | 2055.2 | 2055.2 | 2055.2 | 2055.2 | 2055.2 | 2055.2 | 2055.2 |



TEST NUMBER: P935573

CATALOG NUMBER: SQ4-FA-125U-075D-940-1D-UNV-STD-W-12

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 260°   | 270°   | 280°   | 290°   | 292.5° | 300°   | 310°   | 315°   | 320°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 2815.9 | 2815.9 | 2815.9 | 2815.9 | 2815.9 | 2815.9 | 2815.9 | 2815.9 | 2815.9 | 2815.9 | 2815.9 |
| 2.5°   | 2717.4 | 2709.4 | 2720.0 | 2690.7 | 2720.0 | 2709.4 | 2717.4 | 2736.0 | 2720.0 | 2730.7 | 2741.3 |
| 5°     | 2384.4 | 2371.0 | 2328.3 | 2293.7 | 2328.3 | 2371.0 | 2384.4 | 2440.3 | 2467.0 | 2514.9 | 2578.8 |
| 7.5°   | 2131.2 | 2120.5 | 2109.9 | 2088.6 | 2109.9 | 2120.5 | 2131.2 | 2147.2 | 2173.8 | 2216.4 | 2264.4 |
| 10°    | 2075.3 | 2077.9 | 2093.9 | 2091.2 | 2093.9 | 2077.9 | 2075.3 | 2069.9 | 2061.9 | 2069.9 | 2099.2 |
| 12.5°  | 2219.1 | 2243.1 | 2331.0 | 2325.7 | 2331.0 | 2243.1 | 2219.1 | 2112.6 | 2040.6 | 2027.3 | 2032.6 |
| 15°    | 2384.4 | 2392.4 | 2411.0 | 2413.7 | 2411.0 | 2392.4 | 2384.4 | 2341.7 | 2125.9 | 2032.6 | 2003.3 |
| 17.5°  | 2400.4 | 2403.0 | 2416.3 | 2416.3 | 2416.3 | 2403.0 | 2400.4 | 2381.7 | 2309.7 | 2184.5 | 2019.3 |
| 20°    | 2387.0 | 2392.4 | 2419.0 | 2424.3 | 2419.0 | 2392.4 | 2387.0 | 2363.1 | 2323.0 | 2277.7 | 2152.5 |
| 22.5°  | 2381.7 | 2392.4 | 2413.7 | 2411.0 | 2413.7 | 2392.4 | 2381.7 | 2344.3 | 2309.7 | 2277.7 | 2227.1 |
| 25°    | 2355.1 | 2355.1 | 2357.7 | 2360.4 | 2357.7 | 2355.1 | 2355.1 | 2325.7 | 2256.4 | 2248.4 | 2219.1 |
| 27.5°  | 2299.0 | 2304.4 | 2320.3 | 2317.7 | 2320.3 | 2304.4 | 2299.0 | 2288.4 | 2213.8 | 2205.8 | 2184.5 |
| 30°    | 2248.4 | 2243.1 | 2229.8 | 2219.1 | 2229.8 | 2243.1 | 2248.4 | 2232.4 | 2157.8 | 2136.5 | 2141.9 |
| 32.5°  | 2163.2 | 2149.8 | 2136.5 | 2128.5 | 2136.5 | 2149.8 | 2163.2 | 2157.8 | 2101.9 | 2072.6 | 2077.9 |
| 35°    | 2061.9 | 2064.6 | 2061.9 | 2053.9 | 2061.9 | 2064.6 | 2061.9 | 2067.3 | 2032.6 | 2006.0 | 2003.3 |
| 37.5°  | 1990.0 | 1995.3 | 1992.7 | 1982.0 | 1992.7 | 1995.3 | 1990.0 | 1984.7 | 1936.7 | 1928.7 | 1934.1 |
| 40°    | 1915.4 | 1918.1 | 1915.4 | 1907.4 | 1915.4 | 1918.1 | 1915.4 | 1904.8 | 1838.2 | 1840.8 | 1859.5 |
| 42.5°  | 1843.5 | 1840.8 | 1832.8 | 1827.5 | 1832.8 | 1840.8 | 1843.5 | 1827.5 | 1742.3 | 1734.3 | 1768.9 |
| 45°    | 1760.9 | 1763.6 | 1747.6 | 1739.6 | 1747.6 | 1763.6 | 1760.9 | 1750.2 | 1662.3 | 1641.0 | 1665.0 |
| 47.5°  | 1678.3 | 1678.3 | 1665.0 | 1657.0 | 1665.0 | 1678.3 | 1678.3 | 1665.0 | 1571.8 | 1550.4 | 1563.8 |
| 50°    | 1590.4 | 1587.7 | 1569.1 | 1566.4 | 1569.1 | 1587.7 | 1590.4 | 1582.4 | 1483.8 | 1465.2 | 1465.2 |
| 52.5°  | 1489.2 | 1489.2 | 1491.8 | 1497.2 | 1491.8 | 1489.2 | 1489.2 | 1491.8 | 1403.9 | 1385.3 | 1380.0 |
| 55°    | 1401.3 | 1403.9 | 1422.6 | 1427.9 | 1422.6 | 1403.9 | 1401.3 | 1401.3 | 1321.3 | 1302.7 | 1292.0 |
| 57.5°  | 1310.7 | 1310.7 | 1324.0 | 1324.0 | 1324.0 | 1310.7 | 1310.7 | 1305.4 | 1228.1 | 1212.1 | 1206.8 |
| 60°    | 1206.8 | 1212.1 | 1222.8 | 1220.1 | 1222.8 | 1212.1 | 1206.8 | 1201.5 | 1134.9 | 1124.2 | 1105.6 |
| 62.5°  | 1097.6 | 1102.9 | 1105.6 | 1100.2 | 1105.6 | 1102.9 | 1097.6 | 1081.6 | 1041.6 | 1033.6 | 1009.7 |
| 65°    | 983.0  | 988.3  | 991.0  | 985.7  | 991.0  | 988.3  | 983.0  | 975.0  | 945.7  | 932.4  | 911.1  |
| 67.5°  | 865.8  | 863.1  | 860.5  | 871.1  | 860.5  | 863.1  | 865.8  | 855.1  | 836.5  | 825.8  | 796.5  |
| 70°    | 745.9  | 745.9  | 743.3  | 748.6  | 743.3  | 745.9  | 745.9  | 737.9  | 727.3  | 719.3  | 692.6  |
| 72.5°  | 618.0  | 615.4  | 626.0  | 618.0  | 626.0  | 615.4  | 618.0  | 615.4  | 610.1  | 602.1  | 575.4  |
| 75°    | 492.8  | 498.2  | 492.8  | 500.8  | 492.8  | 498.2  | 492.8  | 495.5  | 492.8  | 487.5  | 468.9  |
| 77.5°  | 375.6  | 381.0  | 375.6  | 375.6  | 375.6  | 381.0  | 375.6  | 378.3  | 378.3  | 378.3  | 362.3  |
| 80°    | 266.4  | 263.7  | 263.7  | 261.1  | 263.7  | 263.7  | 266.4  | 266.4  | 269.1  | 263.7  | 258.4  |
| 82.5°  | 170.5  | 167.8  | 167.8  | 173.2  | 167.8  | 167.8  | 170.5  | 173.2  | 167.8  | 167.8  | 167.8  |
| 85°    | 93.2   | 95.9   | 90.6   | 90.6   | 90.6   | 95.9   | 93.2   | 87.9   | 93.2   | 93.2   | 90.6   |
| 87.5°  | 34.6   | 32.0   | 32.0   | 32.0   | 32.0   | 32.0   | 34.6   | 37.3   | 37.3   | 37.3   | 40.0   |
| 90°    | 52.4   | 52.4   | 52.4   | 52.4   | 52.4   | 52.4   | 52.4   | 69.9   | 93.2   | 104.8  | 90.0   |
| 92.5°  | 262.0  | 251.7  | 209.9  | 168.3  | 209.9  | 251.7  | 262.0  | 371.5  | 517.3  | 590.3  | 518.3  |
| 95°    | 889.7  | 858.1  | 731.8  | 605.5  | 731.8  | 858.1  | 889.7  | 1168.3 | 1539.7 | 1725.5 | 1457.3 |
| 97.5°  | 2053.8 | 1993.6 | 1753.4 | 1513.1 | 1753.4 | 1993.6 | 2053.8 | 2229.9 | 2464.6 | 2582.0 | 2134.8 |
| 100°   | 2884.1 | 2812.6 | 2526.3 | 2240.0 | 2526.3 | 2812.6 | 2884.1 | 2871.3 | 2854.1 | 2845.5 | 2349.3 |
| 102.5° | 3593.1 | 3531.8 | 3286.6 | 3041.4 | 3286.6 | 3531.8 | 3593.1 | 3368.7 | 3069.5 | 2920.0 | 2416.7 |
| 105°   | 4420.6 | 4387.7 | 4255.9 | 4124.1 | 4255.9 | 4387.7 | 4420.6 | 3917.7 | 3247.0 | 2911.7 | 2424.3 |
| 107.5° | 4851.0 | 4859.0 | 4890.8 | 4922.7 | 4890.8 | 4859.0 | 4851.0 | 4149.4 | 3213.9 | 2746.2 | 2316.5 |
| 110°   | 4961.3 | 4995.7 | 5133.0 | 5270.3 | 5133.0 | 4995.7 | 4961.3 | 4177.0 | 3131.2 | 2608.2 | 2220.8 |



TEST NUMBER: P935573

CATALOG NUMBER: SQ4-FA-125U-075D-940-1D-UNV-STD-W-12

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 260°   | 270°   | 280°   | 290°   | 292.5° | 300°   | 310°   | 315°   | 320°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 4891.0 | 4943.8 | 5154.6 | 5365.5 | 5154.6 | 4943.8 | 4891.0 | 4088.3 | 3018.0 | 2482.8 | 2137.3 |
| 115°   | 4652.4 | 4725.5 | 5017.9 | 5310.3 | 5017.9 | 4725.5 | 4652.4 | 3879.1 | 2848.0 | 2332.4 | 2041.5 |
| 117.5° | 4322.7 | 4403.8 | 4728.1 | 5052.4 | 4728.1 | 4403.8 | 4322.7 | 3624.8 | 2694.3 | 2229.0 | 1981.6 |
| 120°   | 4100.7 | 4179.5 | 4494.5 | 4809.6 | 4494.5 | 4179.5 | 4100.7 | 3463.0 | 2612.8 | 2187.6 | 1961.4 |
| 122.5° | 3878.6 | 3956.3 | 4267.1 | 4577.9 | 4267.1 | 3956.3 | 3878.6 | 3304.3 | 2538.7 | 2155.9 | 1950.8 |
| 125°   | 3584.8 | 3656.3 | 3942.6 | 4228.9 | 3942.6 | 3656.3 | 3584.8 | 3097.0 | 2446.5 | 2121.3 | 1942.1 |
| 127.5° | 3348.9 | 3409.3 | 3650.8 | 3892.4 | 3650.8 | 3409.3 | 3348.9 | 2930.0 | 2371.6 | 2092.4 | 1937.0 |
| 130°   | 3200.0 | 3255.8 | 3478.9 | 3702.1 | 3478.9 | 3255.8 | 3200.0 | 2827.1 | 2329.9 | 2081.4 | 1940.1 |
| 132.5° | 3073.1 | 3123.1 | 3322.9 | 3522.7 | 3322.9 | 3123.1 | 3073.1 | 2739.3 | 2294.2 | 2071.7 | 1942.1 |
| 135°   | 2893.8 | 2936.9 | 3109.1 | 3281.3 | 3109.1 | 2936.9 | 2893.8 | 2614.3 | 2241.6 | 2055.2 | 1940.3 |
| 137.5° | 2761.3 | 2796.6 | 2937.6 | 3078.6 | 2937.6 | 2796.6 | 2761.3 | 2525.0 | 2210.0 | 2052.4 | 1952.2 |
| 140°   | 2655.1 | 2688.1 | 2819.9 | 2951.7 | 2819.9 | 2688.1 | 2655.1 | 2451.0 | 2178.8 | 2042.8 | 1954.1 |
| 142.5° | 2580.7 | 2609.0 | 2722.4 | 2835.8 | 2722.4 | 2609.0 | 2580.7 | 2401.4 | 2162.3 | 2042.8 | 1961.2 |
| 145°   | 2468.9 | 2490.4 | 2576.2 | 2662.0 | 2576.2 | 2490.4 | 2468.9 | 2322.3 | 2126.8 | 2029.0 | 1961.2 |
| 147.5° | 2375.1 | 2392.9 | 2464.0 | 2535.2 | 2464.0 | 2392.9 | 2375.1 | 2259.8 | 2105.9 | 2029.0 | 1974.7 |
| 150°   | 2321.3 | 2335.7 | 2393.4 | 2451.1 | 2393.4 | 2335.7 | 2321.3 | 2223.9 | 2094.0 | 2029.0 | 1981.7 |
| 152.5° | 2278.6 | 2289.5 | 2333.0 | 2376.6 | 2333.0 | 2289.5 | 2278.6 | 2195.4 | 2084.5 | 2029.0 | 1986.4 |
| 155°   | 2227.5 | 2234.7 | 2263.6 | 2292.4 | 2263.6 | 2234.7 | 2227.5 | 2161.4 | 2073.1 | 2029.0 | 1996.5 |
| 157.5° | 2183.4 | 2188.5 | 2208.7 | 2229.0 | 2208.7 | 2188.5 | 2183.4 | 2131.9 | 2063.3 | 2029.0 | 2006.6 |
| 160°   | 2161.4 | 2164.3 | 2176.0 | 2187.6 | 2176.0 | 2164.3 | 2161.4 | 2117.3 | 2058.4 | 2029.0 | 2011.2 |
| 162.5° | 2140.7 | 2143.5 | 2154.5 | 2165.5 | 2154.5 | 2143.5 | 2140.7 | 2103.5 | 2053.9 | 2029.0 | 2016.1 |
| 165°   | 2108.9 | 2111.8 | 2123.5 | 2135.2 | 2123.5 | 2111.8 | 2108.9 | 2082.3 | 2046.8 | 2029.0 | 2023.1 |
| 167.5° | 2095.1 | 2096.4 | 2101.3 | 2106.2 | 2101.3 | 2096.4 | 2095.1 | 2077.7 | 2054.4 | 2042.8 | 2037.9 |
| 170°   | 2095.1 | 2095.1 | 2095.1 | 2095.1 | 2095.1 | 2095.1 | 2095.1 | 2077.7 | 2054.4 | 2042.8 | 2042.4 |
| 172.5° | 2084.1 | 2083.1 | 2078.7 | 2074.5 | 2078.7 | 2083.1 | 2084.1 | 2070.4 | 2052.0 | 2042.8 | 2042.8 |
| 175°   | 2069.0 | 2069.0 | 2069.0 | 2069.0 | 2069.0 | 2069.0 | 2069.0 | 2060.2 | 2048.6 | 2042.8 | 2045.5 |
| 177.5° | 2066.2 | 2065.0 | 2060.1 | 2055.2 | 2060.1 | 2065.0 | 2066.2 | 2059.3 | 2050.1 | 2045.5 | 2047.6 |
| 180°   | 2055.2 | 2055.2 | 2055.2 | 2055.2 | 2055.2 | 2055.2 | 2055.2 | 2055.2 | 2055.2 | 2055.2 | 2055.2 |



TEST NUMBER: P935573

CATALOG NUMBER: SQ4-FA-125U-075D-940-1D-UNV-STD-W-12

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 337.5° | 340°   | 350°   | 360°   |
|--------|--------|--------|--------|--------|--------|
| 0°     | 2815.9 | 2815.9 | 2815.9 | 2815.9 | 2815.9 |
| 2.5°   | 2781.3 | 2794.6 | 2802.6 | 2813.3 | 2839.9 |
| 5°     | 2674.7 | 2725.4 | 2741.3 | 2781.3 | 2829.3 |
| 7.5°   | 2440.3 | 2594.8 | 2637.4 | 2733.4 | 2807.9 |
| 10°    | 2213.8 | 2368.4 | 2443.0 | 2669.4 | 2781.3 |
| 12.5°  | 2099.2 | 2189.8 | 2240.4 | 2557.5 | 2744.0 |
| 15°    | 2027.3 | 2091.2 | 2128.5 | 2408.3 | 2701.4 |
| 17.5°  | 1971.4 | 2016.6 | 2043.3 | 2261.7 | 2642.8 |
| 20°    | 1936.7 | 1958.0 | 1982.0 | 2155.2 | 2576.2 |
| 22.5°  | 1912.8 | 1899.4 | 1918.1 | 2080.6 | 2485.6 |
| 25°    | 1896.8 | 1846.2 | 1867.5 | 2022.0 | 2379.0 |
| 27.5°  | 1910.1 | 1798.2 | 1806.2 | 1968.7 | 2267.1 |
| 30°    | 1912.8 | 1739.6 | 1742.3 | 1912.8 | 2141.9 |
| 32.5°  | 1894.1 | 1678.3 | 1681.0 | 1843.5 | 2000.7 |
| 35°    | 1848.8 | 1606.4 | 1603.7 | 1763.6 | 1808.9 |
| 37.5°  | 1787.5 | 1529.1 | 1529.1 | 1675.7 | 1598.4 |
| 40°    | 1713.0 | 1451.9 | 1459.9 | 1561.1 | 1411.9 |
| 42.5°  | 1622.4 | 1369.3 | 1380.0 | 1409.3 | 1273.4 |
| 45°    | 1523.8 | 1289.4 | 1297.4 | 1190.8 | 1166.8 |
| 47.5°  | 1414.6 | 1206.8 | 1209.5 | 988.3  | 1132.2 |
| 50°    | 1284.0 | 1121.5 | 1110.9 | 847.2  | 1129.5 |
| 52.5°  | 1169.5 | 1028.3 | 996.3  | 767.2  | 1025.6 |
| 55°    | 1057.6 | 929.7  | 860.5  | 706.0  | 951.0  |
| 57.5°  | 959.0  | 801.9  | 735.3  | 634.0  | 935.1  |
| 60°    | 868.5  | 676.7  | 626.0  | 556.8  | 857.8  |
| 62.5°  | 793.9  | 583.4  | 572.8  | 503.5  | 777.9  |
| 65°    | 714.0  | 519.5  | 516.8  | 458.2  | 660.7  |
| 67.5°  | 636.7  | 476.9  | 474.2  | 415.6  | 503.5  |
| 70°    | 554.1  | 431.6  | 426.2  | 370.3  | 373.0  |
| 72.5°  | 468.9  | 381.0  | 375.6  | 333.0  | 309.0  |
| 75°    | 383.6  | 322.3  | 319.7  | 290.4  | 250.4  |
| 77.5°  | 301.0  | 255.7  | 261.1  | 234.4  | 183.8  |
| 80°    | 215.8  | 186.5  | 191.8  | 167.8  | 138.5  |
| 82.5°  | 143.9  | 122.5  | 127.9  | 106.6  | 93.2   |
| 85°    | 79.9   | 69.3   | 71.9   | 55.9   | 42.6   |
| 87.5°  | 37.3   | 32.0   | 32.0   | 21.3   | 13.3   |
| 90°    | 60.7   | 38.6   | 35.9   | 24.8   | 13.8   |
| 92.5°  | 374.3  | 266.2  | 242.8  | 148.9  | 55.1   |
| 95°    | 920.9  | 518.6  | 475.7  | 304.1  | 132.4  |
| 97.5°  | 1240.4 | 569.7  | 531.8  | 380.3  | 228.9  |
| 100°   | 1356.8 | 612.5  | 578.1  | 440.8  | 303.4  |
| 102.5° | 1410.1 | 655.2  | 623.1  | 495.1  | 366.9  |
| 105°   | 1449.7 | 718.7  | 691.5  | 583.0  | 474.5  |
| 107.5° | 1457.0 | 812.4  | 787.1  | 686.0  | 584.8  |
| 110°   | 1445.9 | 864.8  | 842.0  | 750.6  | 659.3  |



TEST NUMBER: P935573

CATALOG NUMBER: SQ4-FA-125U-075D-940-1D-UNV-STD-W-12

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 337.5° | 340°   | 350°   | 360°   |
|--------|--------|--------|--------|--------|--------|
| 112.5° | 1446.4 | 928.2  | 906.5  | 819.4  | 732.4  |
| 115°   | 1459.8 | 1023.4 | 1003.4 | 923.0  | 842.7  |
| 117.5° | 1486.9 | 1115.9 | 1097.7 | 1024.7 | 951.8  |
| 120°   | 1509.0 | 1169.7 | 1152.5 | 1083.8 | 1015.2 |
| 122.5° | 1540.7 | 1233.1 | 1215.8 | 1146.5 | 1077.2 |
| 125°   | 1583.5 | 1314.5 | 1298.7 | 1235.6 | 1172.4 |
| 127.5° | 1626.2 | 1393.1 | 1377.2 | 1313.4 | 1249.7 |
| 130°   | 1657.5 | 1445.5 | 1428.3 | 1359.7 | 1291.1 |
| 132.5° | 1682.8 | 1488.3 | 1471.1 | 1402.4 | 1333.8 |
| 135°   | 1710.4 | 1537.9 | 1522.3 | 1459.8 | 1397.3 |
| 137.5° | 1751.7 | 1601.3 | 1585.9 | 1524.0 | 1462.1 |
| 140°   | 1777.0 | 1644.1 | 1629.8 | 1572.8 | 1515.8 |
| 142.5° | 1798.1 | 1675.8 | 1662.7 | 1609.9 | 1557.2 |
| 145°   | 1825.7 | 1724.1 | 1712.7 | 1666.7 | 1620.7 |
| 147.5° | 1866.2 | 1784.8 | 1773.6 | 1728.8 | 1684.1 |
| 150°   | 1887.4 | 1816.6 | 1806.5 | 1766.0 | 1725.5 |
| 152.5° | 1901.2 | 1837.3 | 1829.6 | 1798.9 | 1768.3 |
| 155°   | 1931.5 | 1882.7 | 1877.1 | 1854.4 | 1831.7 |
| 157.5° | 1961.9 | 1928.3 | 1922.8 | 1900.7 | 1878.7 |
| 160°   | 1975.6 | 1949.0 | 1944.7 | 1927.5 | 1910.4 |
| 162.5° | 1990.4 | 1971.0 | 1967.8 | 1954.9 | 1942.1 |
| 165°   | 2011.5 | 2002.7 | 1999.8 | 1988.1 | 1976.5 |
| 167.5° | 2028.0 | 2020.6 | 2019.3 | 2013.8 | 2008.3 |
| 170°   | 2041.8 | 2041.3 | 2040.0 | 2034.5 | 2029.0 |
| 172.5° | 2042.8 | 2042.8 | 2042.5 | 2041.2 | 2040.0 |
| 175°   | 2051.0 | 2055.2 | 2055.2 | 2055.2 | 2055.2 |
| 177.5° | 2052.0 | 2055.2 | 2055.2 | 2055.2 | 2055.2 |
| 180°   | 2055.2 | 2055.2 | 2055.2 | 2055.2 | 2055.2 |



TEST NUMBER: P935573  
 CATALOG NUMBER: SQ4-FA-125U-075D-940-1D-UNV-STD-W-12

**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 | 10.81            | 11.55 | 11.88 | 12.63 | 14.09 | 13.66          | 14.41 | 14.73 | 15.48 | 16.94 |
|                 | 3H   | 11.28            | 11.94 | 12.36 | 13.03 | 14.51 | 15.00          | 15.67 | 16.09 | 16.75 | 18.24 |
|                 | 4H   | 11.46            | 12.10 | 12.56 | 13.18 | 14.67 | 15.45          | 16.08 | 16.54 | 17.16 | 18.65 |
|                 | 6H   | 11.58            | 12.16 | 12.68 | 13.24 | 14.75 | 15.73          | 16.31 | 16.83 | 17.40 | 18.90 |
|                 | 8H   | 11.57            | 12.13 | 12.68 | 13.23 | 14.73 | 15.81          | 16.36 | 16.91 | 17.46 | 18.96 |
|                 | 12H  | 11.54            | 12.07 | 12.65 | 13.16 | 14.68 | 15.84          | 16.37 | 16.95 | 17.47 | 18.98 |
| 4H              | 2H   | 11.83            | 12.46 | 12.93 | 13.55 | 15.04 | 14.05          | 14.69 | 15.15 | 15.77 | 17.26 |
|                 | 3H   | 12.85            | 13.38 | 13.96 | 14.49 | 15.99 | 15.56          | 16.08 | 16.66 | 17.19 | 18.70 |
|                 | 4H   | 13.12            | 13.60 | 14.23 | 14.70 | 16.23 | 16.08          | 16.57 | 17.19 | 17.67 | 19.19 |
|                 | 6H   | 13.24            | 13.65 | 14.36 | 14.78 | 16.29 | 16.45          | 16.86 | 17.57 | 17.99 | 19.50 |
|                 | 8H   | 13.24            | 13.63 | 14.36 | 14.74 | 16.28 | 16.55          | 16.94 | 17.67 | 18.06 | 19.59 |
|                 | 12H  | 13.20            | 13.55 | 14.34 | 14.68 | 16.22 | 16.61          | 16.96 | 17.75 | 18.09 | 19.62 |
| 8H              | 4H   | 13.57            | 13.95 | 14.69 | 15.07 | 16.60 | 16.20          | 16.58 | 17.32 | 17.70 | 19.23 |
|                 | 6H   | 13.82            | 14.14 | 14.96 | 15.30 | 16.83 | 16.63          | 16.95 | 17.78 | 18.11 | 19.64 |
|                 | 8H   | 13.87            | 14.14 | 15.01 | 15.28 | 16.83 | 16.79          | 17.07 | 17.94 | 18.21 | 19.76 |
|                 | 12H  | 13.84            | 14.09 | 14.99 | 15.22 | 16.81 | 16.89          | 17.13 | 18.04 | 18.27 | 19.85 |
| 12H             | 4H   | 13.57            | 13.92 | 14.70 | 15.05 | 16.58 | 16.16          | 16.51 | 17.29 | 17.64 | 19.17 |
|                 | 6H   | 13.89            | 14.16 | 15.03 | 15.30 | 16.85 | 16.63          | 16.91 | 17.78 | 18.05 | 19.60 |
|                 | 8H   | 13.95            | 14.19 | 15.10 | 15.33 | 16.91 | 16.79          | 17.04 | 17.94 | 18.17 | 19.76 |