

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: P935782

Luminaire Tested: SQ4-FA-125U-125D-B2750-1D-UNV-W2A-W-4-2700K

Issue Date: 12/17/2024

**Test Information**

Test Method: LM-79-2019  
Report Number: P935782  
REPORT IS A COMBINATION OF REPORTS P933766 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-125U-125D-B2750-1D-UNV-W2A-W-4-2700K  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

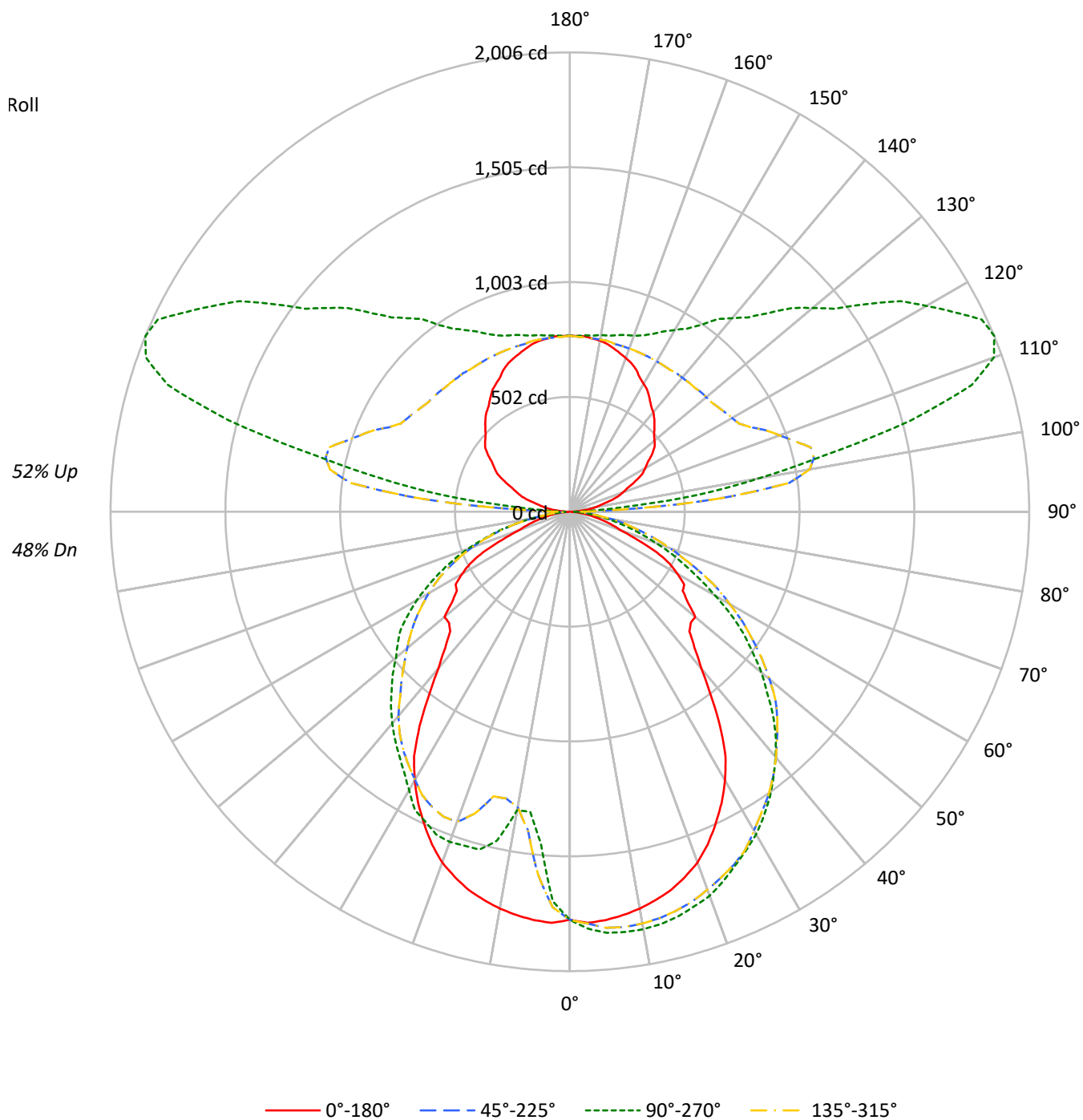
Lumens per Lamp: N/A  
Luminaire Lumens: 9603.4 lumens  
Efficiency: N/A  
Efficacy: 127.7 lumens/watt  
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36  
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 4' x H: 0.1')  
CIE Type: General Diffuse

Input Watts (W): 75.2  
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: P935782

CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-W2A-W-4-2700K

### Luminous Intensity Polar Plot



TEST NUMBER: P935782

CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-W2A-W-4-2700K

**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

|     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RF  | 20  |     |     |     | 20 |    |    |    | 20 |    |    |    | 20 |    |    |    | 20 |
| RC  | 80  |     |     |     | 70 |    |    |    | 50 |    |    |    | 30 |    |    |    | 10 |
| RW  | 70  | 50  | 30  | 10  | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 |
| RCR |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 0   | 107 | 107 | 107 | 107 | 98 | 98 | 98 | 98 | 82 | 82 | 82 | 68 | 68 | 68 | 54 | 54 | 54 |
| 1   | 97  | 93  | 89  | 86  | 90 | 86 | 83 | 80 | 72 | 70 | 68 | 60 | 58 | 57 | 48 | 47 | 46 |
| 2   | 89  | 81  | 75  | 70  | 81 | 75 | 70 | 65 | 63 | 59 | 56 | 52 | 50 | 47 | 42 | 41 | 39 |
| 3   | 81  | 71  | 64  | 58  | 74 | 66 | 60 | 55 | 56 | 51 | 47 | 46 | 43 | 40 | 38 | 35 | 33 |
| 4   | 74  | 63  | 55  | 49  | 68 | 59 | 52 | 46 | 50 | 44 | 40 | 41 | 37 | 34 | 34 | 31 | 28 |
| 5   | 68  | 56  | 48  | 42  | 62 | 52 | 45 | 40 | 44 | 39 | 35 | 37 | 33 | 30 | 30 | 27 | 25 |
| 6   | 63  | 50  | 42  | 37  | 57 | 47 | 40 | 34 | 40 | 34 | 30 | 33 | 29 | 26 | 27 | 24 | 22 |
| 7   | 58  | 45  | 38  | 32  | 53 | 42 | 35 | 30 | 36 | 31 | 26 | 30 | 26 | 23 | 25 | 22 | 19 |
| 8   | 54  | 41  | 34  | 28  | 49 | 38 | 31 | 27 | 33 | 27 | 23 | 28 | 23 | 20 | 23 | 20 | 17 |
| 9   | 50  | 38  | 30  | 25  | 46 | 35 | 28 | 24 | 30 | 25 | 21 | 25 | 21 | 18 | 21 | 18 | 16 |
| 10  | 47  | 34  | 27  | 22  | 43 | 32 | 26 | 21 | 28 | 22 | 19 | 24 | 19 | 16 | 20 | 16 | 14 |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 16532 | 16532 | 16532 | 16532 |
| 5°  | 16637 | 16689 | 16637 | 13123 |
| 10° | 16508 | 16439 | 16508 | 11753 |
| 15° | 16309 | 16083 | 16309 | 13429 |
| 20° | 15951 | 15661 | 15951 | 13457 |
| 25° | 15233 | 15045 | 15233 | 13172 |
| 30° | 14314 | 14535 | 14314 | 12547 |
| 35° | 12742 | 13889 | 12742 | 11858 |
| 40° | 10598 | 13127 | 10598 | 11339 |
| 45° | 9451  | 12238 | 9451  | 10741 |
| 50° | 10017 | 11175 | 10017 | 10140 |
| 55° | 9400  | 10031 | 9400  | 9794  |
| 60° | 9654  | 8520  | 9654  | 8970  |
| 65° | 8711  | 7043  | 8711  | 7873  |
| 70° | 5991  | 5613  | 5991  | 6598  |
| 75° | 5198  | 4148  | 5198  | 4968  |
| 80° | 4100  | 2743  | 4100  | 2985  |
| 85° | 2236  | 1452  | 2236  | 1235  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°

Vertical Angle: 45°

Luminance: 14514 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 160.8  | 1.7       |
| 10°-20°   | 456.6  | 4.8       |
| 20°-30°   | 705.9  | 7.3       |
| 30°-40°   | 842.6  | 8.8       |
| 40°-50°   | 847.6  | 8.8       |
| 50°-60°   | 737.5  | 7.7       |
| 60°-70°   | 522.9  | 5.4       |
| 70°-80°   | 276.6  | 2.9       |
| 80°-90°   | 71.8   | 0.7       |
| 90°-100°  | 374.5  | 3.9       |
| 100°-110° | 984.7  | 10.3      |
| 110°-120° | 1021.0 | 10.6      |
| 120°-130° | 819.0  | 8.5       |
| 130°-140° | 642.6  | 6.7       |
| 140°-150° | 493.2  | 5.1       |
| 150°-160° | 355.2  | 3.7       |
| 160°-170° | 217.3  | 2.3       |
| 170°-180° | 73.4   | 0.8       |
| 0°-30°    | 1323.3 | 13.8      |
| 0°-40°    | 2165.9 | 22.6      |
| 0°-60°    | 3751.0 | 39.1      |
| 0°-90°    | 4622.4 | 48.1      |
| 90°-120°  | 2380.3 | 24.8      |
| 90°-150°  | 4335.1 | 45.1      |
| 90°-180°  | 4981.0 | 51.9      |
| 0°-180°   | 9603.4 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1782 | 1782 | 1782 | 1782 | 1782 |      |
| 5°   | 1790 | 1846 | 1790 | 1451 | 1790 | 170  |
| 15°  | 1709 | 1829 | 1709 | 1527 | 1709 | 481  |
| 25°  | 1505 | 1706 | 1505 | 1493 | 1505 | 691  |
| 35°  | 1144 | 1522 | 1144 | 1300 | 1144 | 708  |
| 45°  | 738  | 1254 | 738  | 1101 | 738  | 591  |
| 55°  | 602  | 925  | 602  | 904  | 602  | 553  |
| 65°  | 418  | 558  | 418  | 624  | 418  | 399  |
| 75°  | 158  | 265  | 158  | 317  | 158  | 167  |
| 85°  | 27   | 67   | 27   | 57   | 27   | 36   |
| 90°  | 5    | 20   | 5    | 20   | 5    | 5    |
| 95°  | 50   | 226  | 50   | 226  | 50   | 55   |
| 105° | 177  | 1542 | 177  | 1542 | 177  | 188  |
| 115° | 315  | 1985 | 315  | 1985 | 315  | 311  |
| 125° | 438  | 1581 | 438  | 1581 | 438  | 389  |
| 135° | 522  | 1227 | 522  | 1227 | 522  | 404  |
| 145° | 606  | 995  | 606  | 995  | 606  | 380  |
| 155° | 685  | 857  | 685  | 857  | 685  | 315  |
| 165° | 739  | 798  | 739  | 798  | 739  | 209  |
| 175° | 768  | 774  | 768  | 774  | 768  | 73   |
| 180° | 768  | 768  | 768  | 768  | 768  |      |

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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 10°    | 20°    | 22.5°  | 30°    | 40°    | 45°    | 50°    | 60°    | 67.5°  | 70°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1781.6 | 1781.6 | 1781.6 | 1781.6 | 1781.6 | 1781.6 | 1781.6 | 1781.6 | 1781.6 | 1781.6 | 1781.6 |
| 2.5°   | 1796.8 | 1796.8 | 1806.9 | 1810.3 | 1810.3 | 1805.2 | 1800.2 | 1805.2 | 1820.4 | 1825.5 | 1823.8 |
| 5°     | 1790.0 | 1803.6 | 1822.1 | 1825.5 | 1828.9 | 1827.2 | 1823.8 | 1827.2 | 1844.0 | 1847.4 | 1849.1 |
| 7.5°   | 1776.6 | 1801.9 | 1825.5 | 1830.5 | 1835.5 | 1830.5 | 1828.9 | 1832.2 | 1849.1 | 1852.5 | 1852.5 |
| 10°    | 1759.7 | 1795.1 | 1822.1 | 1825.5 | 1830.5 | 1825.5 | 1825.5 | 1832.2 | 1849.1 | 1852.5 | 1854.2 |
| 12.5°  | 1736.1 | 1785.0 | 1810.3 | 1813.6 | 1820.4 | 1818.7 | 1817.0 | 1823.8 | 1840.6 | 1844.0 | 1844.0 |
| 15°    | 1709.1 | 1766.5 | 1790.0 | 1793.4 | 1805.2 | 1801.9 | 1801.9 | 1808.6 | 1827.2 | 1832.2 | 1830.5 |
| 17.5°  | 1672.1 | 1742.9 | 1769.8 | 1774.9 | 1783.3 | 1781.6 | 1783.3 | 1790.0 | 1806.9 | 1810.3 | 1811.9 |
| 20°    | 1630.0 | 1710.8 | 1742.9 | 1747.9 | 1756.3 | 1756.3 | 1756.3 | 1764.8 | 1781.6 | 1788.4 | 1788.4 |
| 22.5°  | 1572.6 | 1677.2 | 1710.8 | 1714.2 | 1724.3 | 1724.3 | 1727.7 | 1739.5 | 1754.7 | 1756.3 | 1756.3 |
| 25°    | 1505.2 | 1640.0 | 1668.7 | 1678.9 | 1688.9 | 1694.0 | 1699.1 | 1705.7 | 1710.8 | 1709.1 | 1710.8 |
| 27.5°  | 1434.4 | 1592.8 | 1630.0 | 1636.6 | 1650.2 | 1655.3 | 1661.9 | 1663.6 | 1665.3 | 1670.4 | 1667.0 |
| 30°    | 1355.2 | 1527.1 | 1582.7 | 1589.5 | 1611.4 | 1614.7 | 1608.0 | 1611.4 | 1619.8 | 1623.2 | 1626.6 |
| 32.5°  | 1265.8 | 1429.4 | 1533.8 | 1549.0 | 1569.3 | 1559.1 | 1557.4 | 1562.5 | 1576.0 | 1576.0 | 1579.4 |
| 35°    | 1144.5 | 1353.5 | 1488.3 | 1501.9 | 1517.0 | 1505.2 | 1511.9 | 1513.6 | 1522.1 | 1527.1 | 1525.5 |
| 37.5°  | 1011.3 | 1287.7 | 1441.1 | 1451.3 | 1463.0 | 1447.9 | 1458.0 | 1463.0 | 1469.8 | 1466.4 | 1466.4 |
| 40°    | 893.3  | 1184.9 | 1385.5 | 1392.3 | 1402.4 | 1390.6 | 1400.7 | 1404.1 | 1407.4 | 1404.1 | 1402.4 |
| 42.5°  | 805.7  | 1072.0 | 1326.6 | 1334.9 | 1328.2 | 1336.6 | 1340.0 | 1346.8 | 1341.7 | 1334.9 | 1334.9 |
| 45°    | 738.2  | 1041.7 | 1262.4 | 1272.6 | 1262.4 | 1276.0 | 1281.1 | 1281.1 | 1265.8 | 1262.4 | 1260.8 |
| 47.5°  | 716.3  | 981.0  | 1198.4 | 1198.4 | 1193.4 | 1210.2 | 1218.6 | 1206.9 | 1191.7 | 1186.6 | 1186.6 |
| 50°    | 714.6  | 913.5  | 1110.7 | 1104.1 | 1127.7 | 1147.9 | 1139.4 | 1127.7 | 1115.8 | 1097.3 | 1097.3 |
| 52.5°  | 648.9  | 831.0  | 997.9  | 1023.1 | 1060.2 | 1072.0 | 1058.5 | 1046.7 | 1026.5 | 1018.1 | 1011.3 |
| 55°    | 601.8  | 745.0  | 895.0  | 945.6  | 984.3  | 999.5  | 974.3  | 962.4  | 932.2  | 927.1  | 923.7  |
| 57.5°  | 591.6  | 620.3  | 800.7  | 864.7  | 911.8  | 910.2  | 895.0  | 873.1  | 847.8  | 842.8  | 841.1  |
| 60°    | 542.7  | 448.4  | 699.5  | 775.4  | 824.2  | 819.2  | 805.7  | 785.4  | 761.8  | 758.5  | 755.2  |
| 62.5°  | 492.2  | 325.3  | 584.9  | 670.8  | 739.9  | 738.2  | 726.5  | 696.1  | 679.3  | 670.8  | 664.1  |
| 65°    | 418.0  | 273.1  | 416.3  | 558.0  | 657.4  | 660.7  | 635.4  | 613.5  | 595.0  | 584.9  | 583.2  |
| 67.5°  | 318.5  | 222.5  | 281.5  | 465.2  | 578.2  | 574.8  | 542.7  | 532.7  | 509.1  | 504.0  | 493.9  |
| 70°    | 236.0  | 148.3  | 195.5  | 377.6  | 500.6  | 492.2  | 466.9  | 455.1  | 433.2  | 421.4  | 414.6  |
| 72.5°  | 195.5  | 119.7  | 143.2  | 293.3  | 421.4  | 411.2  | 389.3  | 375.9  | 357.4  | 347.2  | 340.4  |
| 75°    | 158.5  | 126.4  | 109.6  | 217.4  | 342.1  | 335.5  | 315.2  | 301.7  | 286.5  | 273.1  | 274.7  |
| 77.5°  | 116.3  | 118.0  | 87.6   | 160.2  | 271.4  | 261.3  | 249.5  | 232.6  | 225.9  | 212.3  | 212.3  |
| 80°    | 87.6   | 92.7   | 65.7   | 109.6  | 195.5  | 195.5  | 185.5  | 173.6  | 161.8  | 155.1  | 155.1  |
| 82.5°  | 59.0   | 59.0   | 48.9   | 69.1   | 133.2  | 128.1  | 121.3  | 118.0  | 111.3  | 107.9  | 107.9  |
| 85°    | 27.0   | 33.7   | 30.4   | 42.1   | 72.5   | 75.9   | 75.9   | 72.5   | 70.8   | 67.4   | 69.1   |
| 87.5°  | 8.5    | 15.1   | 18.5   | 23.6   | 37.1   | 38.7   | 40.4   | 40.4   | 40.4   | 42.1   | 42.1   |
| 90°    | 5.2    | 9.3    | 13.4   | 14.4   | 22.7   | 33.7   | 39.1   | 34.8   | 26.1   | 19.6   | 19.6   |
| 92.5°  | 20.6   | 55.7   | 90.7   | 99.5   | 139.9  | 193.8  | 220.7  | 193.4  | 138.9  | 98.0   | 94.1   |
| 95°    | 49.5   | 113.6  | 177.9  | 193.9  | 344.3  | 544.8  | 645.1  | 575.7  | 436.8  | 332.7  | 320.8  |
| 97.5°  | 85.6   | 142.1  | 198.8  | 212.9  | 463.7  | 798.1  | 965.3  | 921.4  | 833.7  | 767.8  | 745.4  |
| 100°   | 113.4  | 164.8  | 216.1  | 229.0  | 507.3  | 878.3  | 1063.8 | 1067.0 | 1073.5 | 1078.3 | 1051.5 |
| 102.5° | 137.1  | 185.1  | 233.0  | 244.9  | 527.2  | 903.6  | 1091.7 | 1147.7 | 1259.5 | 1343.4 | 1320.5 |
| 105°   | 177.4  | 218.0  | 258.6  | 268.7  | 542.0  | 906.5  | 1088.6 | 1214.0 | 1464.7 | 1652.8 | 1640.4 |
| 107.5° | 218.6  | 256.5  | 294.3  | 303.8  | 544.8  | 866.1  | 1026.8 | 1201.7 | 1551.4 | 1813.6 | 1816.6 |
| 110°   | 246.5  | 280.7  | 314.7  | 323.3  | 540.6  | 830.4  | 975.2  | 1170.7 | 1561.7 | 1855.0 | 1867.8 |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 10°   | 20°   | 22.5° | 30°   | 40°   | 45°   | 50°    | 60°    | 67.5°  | 70°    |
|--------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|
| 112.5° | 273.8 | 306.4 | 338.8 | 347.0 | 540.7 | 799.1 | 928.3 | 1128.4 | 1528.6 | 1828.7 | 1848.4 |
| 115°   | 315.0 | 345.1 | 375.2 | 382.7 | 545.8 | 763.2 | 872.0 | 1064.7 | 1450.3 | 1739.4 | 1766.7 |
| 117.5° | 355.9 | 383.2 | 410.5 | 417.2 | 556.0 | 740.9 | 833.4 | 1007.3 | 1355.2 | 1616.1 | 1646.4 |
| 120°   | 379.6 | 405.3 | 431.0 | 437.3 | 564.2 | 733.4 | 817.9 | 976.9  | 1294.7 | 1533.1 | 1562.6 |
| 122.5° | 402.8 | 428.7 | 454.6 | 461.0 | 576.1 | 729.4 | 806.1 | 949.2  | 1235.4 | 1450.1 | 1479.2 |
| 125°   | 438.3 | 461.9 | 485.6 | 491.4 | 592.0 | 726.1 | 793.1 | 914.7  | 1157.8 | 1340.2 | 1367.0 |
| 127.5° | 467.2 | 491.0 | 514.8 | 520.8 | 608.0 | 724.2 | 782.3 | 886.6  | 1095.5 | 1252.1 | 1274.7 |
| 130°   | 482.7 | 508.4 | 534.1 | 540.4 | 619.7 | 725.4 | 778.2 | 871.1  | 1057.0 | 1196.4 | 1217.2 |
| 132.5° | 498.7 | 524.4 | 550.1 | 556.5 | 629.2 | 726.1 | 774.6 | 857.8  | 1024.2 | 1149.0 | 1167.6 |
| 135°   | 522.4 | 545.8 | 569.1 | 575.0 | 639.4 | 725.4 | 768.4 | 838.1  | 977.5  | 1082.0 | 1098.1 |
| 137.5° | 546.6 | 569.7 | 592.9 | 598.7 | 654.9 | 729.9 | 767.3 | 826.2  | 944.0  | 1032.4 | 1045.5 |
| 140°   | 566.7 | 588.0 | 609.4 | 614.7 | 664.4 | 730.7 | 763.7 | 814.6  | 916.4  | 992.7  | 1005.1 |
| 142.5° | 582.2 | 601.9 | 621.6 | 626.6 | 672.3 | 733.3 | 763.7 | 808.5  | 897.8  | 964.8  | 975.4  |
| 145°   | 606.0 | 623.1 | 640.3 | 644.6 | 682.6 | 733.3 | 758.6 | 795.1  | 868.2  | 923.1  | 931.2  |
| 147.5° | 629.7 | 646.4 | 663.1 | 667.3 | 697.7 | 738.2 | 758.6 | 787.3  | 844.9  | 888.0  | 894.7  |
| 150°   | 645.1 | 660.2 | 675.4 | 679.2 | 705.7 | 740.9 | 758.6 | 782.9  | 831.5  | 867.9  | 873.3  |
| 152.5° | 661.1 | 672.6 | 684.1 | 686.9 | 710.8 | 742.6 | 758.6 | 779.3  | 820.8  | 851.9  | 856.0  |
| 155°   | 684.8 | 693.3 | 701.8 | 703.9 | 722.1 | 746.4 | 758.6 | 775.1  | 808.1  | 832.9  | 835.5  |
| 157.5° | 702.4 | 710.6 | 718.8 | 720.9 | 733.5 | 750.2 | 758.6 | 771.4  | 797.1  | 816.3  | 818.2  |
| 160°   | 714.2 | 720.6 | 727.1 | 728.7 | 738.6 | 751.9 | 758.6 | 769.5  | 791.5  | 808.1  | 809.2  |
| 162.5° | 726.1 | 730.9 | 735.7 | 736.9 | 744.1 | 753.8 | 758.6 | 767.8  | 786.4  | 800.4  | 801.4  |
| 165°   | 738.9 | 743.3 | 747.7 | 748.8 | 752.1 | 756.4 | 758.6 | 765.2  | 778.5  | 788.4  | 789.5  |
| 167.5° | 750.9 | 752.9 | 755.0 | 755.5 | 758.3 | 761.9 | 763.7 | 768.1  | 776.8  | 783.4  | 783.9  |
| 170°   | 758.6 | 760.6 | 762.7 | 763.2 | 763.4 | 763.6 | 763.7 | 768.1  | 776.8  | 783.4  | 783.4  |
| 172.5° | 762.7 | 763.1 | 763.6 | 763.7 | 763.7 | 763.7 | 763.7 | 767.1  | 774.0  | 779.2  | 778.8  |
| 175°   | 768.4 | 768.4 | 768.4 | 768.4 | 766.8 | 764.7 | 763.7 | 765.9  | 770.2  | 773.5  | 773.5  |
| 177.5° | 768.4 | 768.4 | 768.4 | 768.4 | 767.2 | 765.5 | 764.7 | 766.4  | 769.9  | 772.5  | 772.0  |
| 180°   | 768.4 | 768.4 | 768.4 | 768.4 | 768.4 | 768.4 | 768.4 | 768.4  | 768.4  | 768.4  | 768.4  |

TEST NUMBER: P935782

CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-W2A-W-4-2700K

**CANDELA DISTRIBUTION (continued):**

|        | 80°    | 90°    | 100°   | 110°   | 112.5° | 120°   | 130°   | 135°   | 140°   | 150°   | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1781.6 | 1781.6 | 1781.6 | 1781.6 | 1781.6 | 1781.6 | 1781.6 | 1781.6 | 1781.6 | 1781.6 | 1781.6 |
| 2.5°   | 1827.2 | 1822.1 | 1827.2 | 1823.8 | 1825.5 | 1820.4 | 1805.2 | 1800.2 | 1805.2 | 1810.3 | 1810.3 |
| 5°     | 1849.1 | 1845.7 | 1849.1 | 1849.1 | 1847.4 | 1844.0 | 1827.2 | 1823.8 | 1827.2 | 1828.9 | 1825.5 |
| 7.5°   | 1855.7 | 1850.8 | 1855.7 | 1852.5 | 1852.5 | 1849.1 | 1832.2 | 1828.9 | 1830.5 | 1835.5 | 1830.5 |
| 10°    | 1855.7 | 1850.8 | 1855.7 | 1854.2 | 1852.5 | 1849.1 | 1832.2 | 1825.5 | 1825.5 | 1830.5 | 1825.5 |
| 12.5°  | 1847.4 | 1844.0 | 1847.4 | 1844.0 | 1844.0 | 1840.6 | 1823.8 | 1817.0 | 1818.7 | 1820.4 | 1813.6 |
| 15°    | 1833.8 | 1828.9 | 1833.8 | 1830.5 | 1832.2 | 1827.2 | 1808.6 | 1801.9 | 1801.9 | 1805.2 | 1793.4 |
| 17.5°  | 1813.6 | 1806.9 | 1813.6 | 1811.9 | 1810.3 | 1806.9 | 1790.0 | 1783.3 | 1781.6 | 1783.3 | 1774.9 |
| 20°    | 1790.0 | 1785.0 | 1790.0 | 1788.4 | 1788.4 | 1781.6 | 1764.8 | 1756.3 | 1756.3 | 1756.3 | 1747.9 |
| 22.5°  | 1753.0 | 1747.9 | 1753.0 | 1756.3 | 1756.3 | 1754.7 | 1739.5 | 1727.7 | 1724.3 | 1724.3 | 1714.2 |
| 25°    | 1710.8 | 1705.7 | 1710.8 | 1710.8 | 1709.1 | 1710.8 | 1705.7 | 1699.1 | 1694.0 | 1688.9 | 1678.9 |
| 27.5°  | 1670.4 | 1667.0 | 1670.4 | 1667.0 | 1670.4 | 1665.3 | 1663.6 | 1661.9 | 1655.3 | 1650.2 | 1636.6 |
| 30°    | 1630.0 | 1626.6 | 1630.0 | 1626.6 | 1623.2 | 1619.8 | 1611.4 | 1608.0 | 1614.7 | 1611.4 | 1589.5 |
| 32.5°  | 1579.4 | 1576.0 | 1579.4 | 1579.4 | 1576.0 | 1576.0 | 1562.5 | 1557.4 | 1559.1 | 1569.3 | 1549.0 |
| 35°    | 1527.1 | 1522.1 | 1527.1 | 1525.5 | 1527.1 | 1522.1 | 1513.6 | 1511.9 | 1505.2 | 1517.0 | 1501.9 |
| 37.5°  | 1466.4 | 1461.3 | 1466.4 | 1466.4 | 1466.4 | 1469.8 | 1463.0 | 1458.0 | 1447.9 | 1463.0 | 1451.3 |
| 40°    | 1404.1 | 1397.3 | 1404.1 | 1402.4 | 1404.1 | 1407.4 | 1404.1 | 1400.7 | 1390.6 | 1402.4 | 1392.3 |
| 42.5°  | 1333.2 | 1331.6 | 1333.2 | 1334.9 | 1334.9 | 1341.7 | 1346.8 | 1340.0 | 1336.6 | 1328.2 | 1334.9 |
| 45°    | 1257.4 | 1254.1 | 1257.4 | 1260.8 | 1262.4 | 1265.8 | 1281.1 | 1281.1 | 1276.0 | 1262.4 | 1272.6 |
| 47.5°  | 1176.5 | 1168.1 | 1176.5 | 1186.6 | 1186.6 | 1191.7 | 1206.9 | 1218.6 | 1210.2 | 1193.4 | 1198.4 |
| 50°    | 1090.5 | 1092.2 | 1090.5 | 1097.3 | 1097.3 | 1115.8 | 1127.7 | 1139.4 | 1147.9 | 1127.7 | 1104.1 |
| 52.5°  | 1006.3 | 1004.6 | 1006.3 | 1011.3 | 1018.1 | 1026.5 | 1046.7 | 1058.5 | 1072.0 | 1060.2 | 1023.1 |
| 55°    | 922.0  | 925.4  | 922.0  | 923.7  | 927.1  | 932.2  | 962.4  | 974.3  | 999.5  | 984.3  | 945.6  |
| 57.5°  | 837.7  | 832.7  | 837.7  | 841.1  | 842.8  | 847.8  | 873.1  | 895.0  | 910.2  | 911.8  | 864.7  |
| 60°    | 739.9  | 733.3  | 739.9  | 755.2  | 758.5  | 761.8  | 785.4  | 805.7  | 819.2  | 824.2  | 775.4  |
| 62.5°  | 654.0  | 642.2  | 654.0  | 664.1  | 670.8  | 679.3  | 696.1  | 726.5  | 738.2  | 739.9  | 670.8  |
| 65°    | 562.9  | 558.0  | 562.9  | 583.2  | 584.9  | 595.0  | 613.5  | 635.4  | 660.7  | 657.4  | 558.0  |
| 67.5°  | 480.4  | 480.4  | 480.4  | 493.9  | 504.0  | 509.1  | 532.7  | 542.7  | 574.8  | 578.2  | 465.2  |
| 70°    | 404.6  | 402.9  | 404.6  | 414.6  | 421.4  | 433.2  | 455.1  | 466.9  | 492.2  | 500.6  | 377.6  |
| 72.5°  | 332.1  | 330.4  | 332.1  | 340.4  | 347.2  | 357.4  | 375.9  | 389.3  | 411.2  | 421.4  | 293.3  |
| 75°    | 268.0  | 264.6  | 268.0  | 274.7  | 273.1  | 286.5  | 301.7  | 315.2  | 335.5  | 342.1  | 217.4  |
| 77.5°  | 205.7  | 205.7  | 205.7  | 212.3  | 212.3  | 225.9  | 232.6  | 249.5  | 261.3  | 271.4  | 160.2  |
| 80°    | 153.4  | 151.7  | 153.4  | 155.1  | 155.1  | 161.8  | 173.6  | 185.5  | 195.5  | 195.5  | 109.6  |
| 82.5°  | 107.9  | 104.5  | 107.9  | 107.9  | 107.9  | 111.3  | 118.0  | 121.3  | 128.1  | 133.2  | 69.1   |
| 85°    | 67.4   | 67.4   | 67.4   | 69.1   | 67.4   | 70.8   | 72.5   | 75.9   | 75.9   | 72.5   | 42.1   |
| 87.5°  | 43.8   | 42.1   | 43.8   | 42.1   | 42.1   | 40.4   | 40.4   | 40.4   | 38.7   | 37.1   | 23.6   |
| 90°    | 19.6   | 19.6   | 19.6   | 19.6   | 19.6   | 26.1   | 34.8   | 39.1   | 33.7   | 22.7   | 14.4   |
| 92.5°  | 78.5   | 62.9   | 78.5   | 94.1   | 98.0   | 138.9  | 193.4  | 220.7  | 193.8  | 139.9  | 99.5   |
| 95°    | 273.6  | 226.4  | 273.6  | 320.8  | 332.7  | 436.8  | 575.7  | 645.1  | 544.8  | 344.3  | 193.9  |
| 97.5°  | 655.6  | 565.7  | 655.6  | 745.4  | 767.8  | 833.7  | 921.4  | 965.3  | 798.1  | 463.7  | 212.9  |
| 100°   | 944.5  | 837.4  | 944.5  | 1051.5 | 1078.3 | 1073.5 | 1067.0 | 1063.8 | 878.3  | 507.3  | 229.0  |
| 102.5° | 1228.8 | 1137.1 | 1228.8 | 1320.5 | 1343.4 | 1259.5 | 1147.7 | 1091.7 | 903.6  | 527.2  | 244.9  |
| 105°   | 1591.2 | 1541.9 | 1591.2 | 1640.4 | 1652.8 | 1464.7 | 1214.0 | 1088.6 | 906.5  | 542.0  | 268.7  |
| 107.5° | 1828.6 | 1840.5 | 1828.6 | 1816.6 | 1813.6 | 1551.4 | 1201.7 | 1026.8 | 866.1  | 544.8  | 303.8  |
| 110°   | 1919.1 | 1970.4 | 1919.1 | 1867.8 | 1855.0 | 1561.7 | 1170.7 | 975.2  | 830.4  | 540.6  | 323.3  |



TEST NUMBER: P935782

CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-W2A-W-4-2700K

**CANDELA DISTRIBUTION (continued):**

|        | 80°    | 90°    | 100°   | 110°   | 112.5° | 120°   | 130°   | 135°  | 140°  | 150°  | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|--------|
| 112.5° | 1927.2 | 2006.0 | 1927.2 | 1848.4 | 1828.7 | 1528.6 | 1128.4 | 928.3 | 799.1 | 540.7 | 347.0  |
| 115°   | 1876.1 | 1985.4 | 1876.1 | 1766.7 | 1739.4 | 1450.3 | 1064.7 | 872.0 | 763.2 | 545.8 | 382.7  |
| 117.5° | 1767.7 | 1888.9 | 1767.7 | 1646.4 | 1616.1 | 1355.2 | 1007.3 | 833.4 | 740.9 | 556.0 | 417.2  |
| 120°   | 1680.4 | 1798.2 | 1680.4 | 1562.6 | 1533.1 | 1294.7 | 976.9  | 817.9 | 733.4 | 564.2 | 437.3  |
| 122.5° | 1595.3 | 1711.5 | 1595.3 | 1479.2 | 1450.1 | 1235.4 | 949.2  | 806.1 | 729.4 | 576.1 | 461.0  |
| 125°   | 1474.0 | 1581.1 | 1474.0 | 1367.0 | 1340.2 | 1157.8 | 914.7  | 793.1 | 726.1 | 592.0 | 491.4  |
| 127.5° | 1364.9 | 1455.3 | 1364.9 | 1274.7 | 1252.1 | 1095.5 | 886.6  | 782.3 | 724.2 | 608.0 | 520.8  |
| 130°   | 1300.7 | 1384.1 | 1300.7 | 1217.2 | 1196.4 | 1057.0 | 871.1  | 778.2 | 725.4 | 619.7 | 540.4  |
| 132.5° | 1242.3 | 1317.0 | 1242.3 | 1167.6 | 1149.0 | 1024.2 | 857.8  | 774.6 | 726.1 | 629.2 | 556.5  |
| 135°   | 1162.4 | 1226.8 | 1162.4 | 1098.1 | 1082.0 | 977.5  | 838.1  | 768.4 | 725.4 | 639.4 | 575.0  |
| 137.5° | 1098.3 | 1151.0 | 1098.3 | 1045.5 | 1032.4 | 944.0  | 826.2  | 767.3 | 729.9 | 654.9 | 598.7  |
| 140°   | 1054.3 | 1103.6 | 1054.3 | 1005.1 | 992.7  | 916.4  | 814.6  | 763.7 | 730.7 | 664.4 | 614.7  |
| 142.5° | 1017.8 | 1060.2 | 1017.8 | 975.4  | 964.8  | 897.8  | 808.5  | 763.7 | 733.3 | 672.3 | 626.6  |
| 145°   | 963.2  | 995.3  | 963.2  | 931.2  | 923.1  | 868.2  | 795.1  | 758.6 | 733.3 | 682.6 | 644.6  |
| 147.5° | 921.2  | 947.8  | 921.2  | 894.7  | 888.0  | 844.9  | 787.3  | 758.6 | 738.2 | 697.7 | 667.3  |
| 150°   | 894.9  | 916.4  | 894.9  | 873.3  | 867.9  | 831.5  | 782.9  | 758.6 | 740.9 | 705.7 | 679.2  |
| 152.5° | 872.2  | 888.5  | 872.2  | 856.0  | 851.9  | 820.8  | 779.3  | 758.6 | 742.6 | 710.8 | 686.9  |
| 155°   | 846.3  | 857.1  | 846.3  | 835.5  | 832.9  | 808.1  | 775.1  | 758.6 | 746.4 | 722.1 | 703.9  |
| 157.5° | 825.8  | 833.4  | 825.8  | 818.2  | 816.3  | 797.1  | 771.4  | 758.6 | 750.2 | 733.5 | 720.9  |
| 160°   | 813.5  | 817.9  | 813.5  | 809.2  | 808.1  | 791.5  | 769.5  | 758.6 | 751.9 | 738.6 | 728.7  |
| 162.5° | 805.6  | 809.6  | 805.6  | 801.4  | 800.4  | 786.4  | 767.8  | 758.6 | 753.8 | 744.1 | 736.9  |
| 165°   | 793.9  | 798.3  | 793.9  | 789.5  | 788.4  | 778.5  | 765.2  | 758.6 | 756.4 | 752.1 | 748.8  |
| 167.5° | 785.6  | 787.4  | 785.6  | 783.9  | 783.4  | 776.8  | 768.1  | 763.7 | 761.9 | 758.3 | 755.5  |
| 170°   | 783.4  | 783.4  | 783.4  | 783.4  | 783.4  | 776.8  | 768.1  | 763.7 | 763.6 | 763.4 | 763.2  |
| 172.5° | 777.2  | 775.6  | 777.2  | 778.8  | 779.2  | 774.0  | 767.1  | 763.7 | 763.7 | 763.7 | 763.7  |
| 175°   | 773.5  | 773.5  | 773.5  | 773.5  | 773.5  | 770.2  | 765.9  | 763.7 | 764.7 | 766.8 | 768.4  |
| 177.5° | 770.2  | 768.4  | 770.2  | 772.0  | 772.5  | 769.9  | 766.4  | 764.7 | 765.5 | 767.2 | 768.4  |
| 180°   | 768.4  | 768.4  | 768.4  | 768.4  | 768.4  | 768.4  | 768.4  | 768.4 | 768.4 | 768.4 | 768.4  |

TEST NUMBER: P935782

CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-W2A-W-4-2700K

**CANDELA DISTRIBUTION (continued):**

|        | 160°   | 170°   | 180°   | 190°   | 200°   | 202.5° | 210°   | 220°   | 225°   | 230°   | 240°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1781.6 | 1781.6 | 1781.6 | 1781.6 | 1781.6 | 1781.6 | 1781.6 | 1781.6 | 1781.6 | 1781.6 | 1781.6 |
| 2.5°   | 1806.9 | 1796.8 | 1796.8 | 1780.0 | 1773.2 | 1768.1 | 1759.7 | 1734.4 | 1727.7 | 1721.0 | 1731.0 |
| 5°     | 1822.1 | 1803.6 | 1790.0 | 1759.7 | 1734.4 | 1724.3 | 1692.3 | 1631.6 | 1591.2 | 1560.8 | 1544.0 |
| 7.5°   | 1825.5 | 1801.9 | 1776.6 | 1729.4 | 1668.7 | 1641.7 | 1544.0 | 1432.7 | 1402.4 | 1375.4 | 1358.5 |
| 10°    | 1822.1 | 1795.1 | 1759.7 | 1688.9 | 1545.7 | 1498.5 | 1400.7 | 1328.2 | 1309.6 | 1304.7 | 1309.6 |
| 12.5°  | 1810.3 | 1785.0 | 1736.1 | 1618.1 | 1417.5 | 1385.5 | 1328.2 | 1286.0 | 1282.7 | 1291.1 | 1336.6 |
| 15°    | 1790.0 | 1766.5 | 1709.1 | 1523.8 | 1346.8 | 1323.2 | 1282.7 | 1267.5 | 1286.0 | 1345.1 | 1481.6 |
| 17.5°  | 1769.8 | 1742.9 | 1672.1 | 1431.1 | 1292.8 | 1276.0 | 1247.3 | 1277.7 | 1382.1 | 1461.3 | 1506.8 |
| 20°    | 1742.9 | 1710.8 | 1630.0 | 1363.6 | 1254.1 | 1238.9 | 1225.4 | 1361.9 | 1441.1 | 1469.8 | 1495.1 |
| 22.5°  | 1710.8 | 1677.2 | 1572.6 | 1316.4 | 1213.6 | 1201.8 | 1210.2 | 1409.1 | 1441.1 | 1461.3 | 1483.2 |
| 25°    | 1668.7 | 1640.0 | 1505.2 | 1279.4 | 1181.6 | 1168.1 | 1200.1 | 1404.1 | 1422.6 | 1427.7 | 1471.5 |
| 27.5°  | 1630.0 | 1592.8 | 1434.4 | 1245.6 | 1142.8 | 1137.7 | 1208.5 | 1382.1 | 1395.6 | 1400.7 | 1447.9 |
| 30°    | 1582.7 | 1527.1 | 1355.2 | 1210.2 | 1102.4 | 1100.7 | 1210.2 | 1355.2 | 1351.8 | 1365.3 | 1412.5 |
| 32.5°  | 1533.8 | 1429.4 | 1265.8 | 1166.4 | 1063.6 | 1061.9 | 1198.4 | 1314.7 | 1311.3 | 1329.9 | 1365.3 |
| 35°    | 1488.3 | 1353.5 | 1144.5 | 1115.8 | 1014.7 | 1016.4 | 1169.8 | 1267.5 | 1269.2 | 1286.0 | 1307.9 |
| 37.5°  | 1441.1 | 1287.7 | 1011.3 | 1060.2 | 967.5  | 967.5  | 1131.0 | 1223.7 | 1220.3 | 1225.4 | 1255.8 |
| 40°    | 1385.5 | 1184.9 | 893.3  | 987.7  | 923.7  | 918.6  | 1083.8 | 1176.5 | 1164.7 | 1163.0 | 1205.2 |
| 42.5°  | 1326.6 | 1072.0 | 805.7  | 891.6  | 873.1  | 866.4  | 1026.5 | 1119.2 | 1097.3 | 1102.4 | 1156.3 |
| 45°    | 1262.4 | 1041.7 | 738.2  | 753.5  | 820.9  | 815.8  | 964.1  | 1053.5 | 1038.3 | 1051.8 | 1107.5 |
| 47.5°  | 1198.4 | 981.0  | 716.3  | 625.4  | 765.2  | 763.5  | 895.0  | 989.4  | 981.0  | 994.5  | 1053.5 |
| 50°    | 1110.7 | 913.5  | 714.6  | 536.0  | 702.9  | 709.6  | 812.4  | 927.1  | 927.1  | 938.8  | 1001.2 |
| 52.5°  | 997.9  | 831.0  | 648.9  | 485.5  | 630.4  | 650.6  | 739.9  | 873.1  | 876.5  | 888.3  | 943.9  |
| 55°    | 895.0  | 745.0  | 601.8  | 446.7  | 544.4  | 588.2  | 669.2  | 817.5  | 824.2  | 836.0  | 886.6  |
| 57.5°  | 800.7  | 620.3  | 591.6  | 401.2  | 465.2  | 507.4  | 606.8  | 763.5  | 766.9  | 777.1  | 825.9  |
| 60°    | 699.5  | 448.4  | 542.7  | 352.3  | 396.1  | 428.1  | 549.5  | 699.5  | 711.3  | 718.0  | 760.1  |
| 62.5°  | 584.9  | 325.3  | 492.2  | 318.5  | 362.3  | 369.1  | 502.3  | 638.8  | 654.0  | 659.1  | 684.4  |
| 65°    | 416.3  | 273.1  | 418.0  | 289.9  | 327.0  | 328.7  | 451.7  | 576.5  | 589.9  | 598.4  | 616.9  |
| 67.5°  | 281.5  | 222.5  | 318.5  | 262.9  | 300.0  | 301.7  | 402.9  | 504.0  | 522.5  | 529.3  | 541.0  |
| 70°    | 195.5  | 148.3  | 236.0  | 234.3  | 269.7  | 273.1  | 350.6  | 438.2  | 455.1  | 460.2  | 466.9  |
| 72.5°  | 143.2  | 119.7  | 195.5  | 210.7  | 237.6  | 241.0  | 296.6  | 364.0  | 381.0  | 386.0  | 389.3  |
| 75°    | 109.6  | 126.4  | 158.5  | 183.8  | 202.3  | 204.0  | 242.7  | 296.6  | 308.5  | 311.8  | 313.5  |
| 77.5°  | 87.6   | 118.0  | 116.3  | 148.3  | 165.1  | 161.8  | 190.4  | 229.3  | 239.3  | 239.3  | 239.3  |
| 80°    | 65.7   | 92.7   | 87.6   | 106.2  | 121.3  | 118.0  | 136.6  | 163.5  | 166.8  | 170.2  | 168.5  |
| 82.5°  | 48.9   | 59.0   | 59.0   | 67.4   | 80.9   | 77.5   | 91.0   | 106.2  | 106.2  | 106.2  | 109.6  |
| 85°    | 30.4   | 33.7   | 27.0   | 35.4   | 45.5   | 43.8   | 50.6   | 57.3   | 59.0   | 59.0   | 55.6   |
| 87.5°  | 18.5   | 15.1   | 8.5    | 13.4   | 20.2   | 20.2   | 23.6   | 25.3   | 23.6   | 23.6   | 23.6   |
| 90°    | 13.4   | 9.3    | 5.2    | 9.3    | 13.4   | 14.4   | 22.7   | 33.7   | 39.1   | 34.8   | 26.1   |
| 92.5°  | 90.7   | 55.7   | 20.6   | 55.7   | 90.7   | 99.5   | 139.9  | 193.8  | 220.7  | 193.4  | 138.9  |
| 95°    | 177.9  | 113.6  | 49.5   | 113.6  | 177.9  | 193.9  | 344.3  | 544.8  | 645.1  | 575.7  | 436.8  |
| 97.5°  | 198.8  | 142.1  | 85.6   | 142.1  | 198.8  | 212.9  | 463.7  | 798.1  | 965.3  | 921.4  | 833.7  |
| 100°   | 216.1  | 164.8  | 113.4  | 164.8  | 216.1  | 229.0  | 507.3  | 878.3  | 1063.8 | 1067.0 | 1073.5 |
| 102.5° | 233.0  | 185.1  | 137.1  | 185.1  | 233.0  | 244.9  | 527.2  | 903.6  | 1091.7 | 1147.7 | 1259.5 |
| 105°   | 258.6  | 218.0  | 177.4  | 218.0  | 258.6  | 268.7  | 542.0  | 906.5  | 1088.6 | 1214.0 | 1464.7 |
| 107.5° | 294.3  | 256.5  | 218.6  | 256.5  | 294.3  | 303.8  | 544.8  | 866.1  | 1026.8 | 1201.7 | 1551.4 |
| 110°   | 314.7  | 280.7  | 246.5  | 280.7  | 314.7  | 323.3  | 540.6  | 830.4  | 975.2  | 1170.7 | 1561.7 |

TEST NUMBER: P935782

CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-W2A-W-4-2700K

**CANDELA DISTRIBUTION (continued):**

|        | 160°  | 170°  | 180°  | 190°  | 200°  | 202.5° | 210°  | 220°  | 225°  | 230°   | 240°   |
|--------|-------|-------|-------|-------|-------|--------|-------|-------|-------|--------|--------|
| 112.5° | 338.8 | 306.4 | 273.8 | 306.4 | 338.8 | 347.0  | 540.7 | 799.1 | 928.3 | 1128.4 | 1528.6 |
| 115°   | 375.2 | 345.1 | 315.0 | 345.1 | 375.2 | 382.7  | 545.8 | 763.2 | 872.0 | 1064.7 | 1450.3 |
| 117.5° | 410.5 | 383.2 | 355.9 | 383.2 | 410.5 | 417.2  | 556.0 | 740.9 | 833.4 | 1007.3 | 1355.2 |
| 120°   | 431.0 | 405.3 | 379.6 | 405.3 | 431.0 | 437.3  | 564.2 | 733.4 | 817.9 | 976.9  | 1294.7 |
| 122.5° | 454.6 | 428.7 | 402.8 | 428.7 | 454.6 | 461.0  | 576.1 | 729.4 | 806.1 | 949.2  | 1235.4 |
| 125°   | 485.6 | 461.9 | 438.3 | 461.9 | 485.6 | 491.4  | 592.0 | 726.1 | 793.1 | 914.7  | 1157.8 |
| 127.5° | 514.8 | 491.0 | 467.2 | 491.0 | 514.8 | 520.8  | 608.0 | 724.2 | 782.3 | 886.6  | 1095.5 |
| 130°   | 534.1 | 508.4 | 482.7 | 508.4 | 534.1 | 540.4  | 619.7 | 725.4 | 778.2 | 871.1  | 1057.0 |
| 132.5° | 550.1 | 524.4 | 498.7 | 524.4 | 550.1 | 556.5  | 629.2 | 726.1 | 774.6 | 857.8  | 1024.2 |
| 135°   | 569.1 | 545.8 | 522.4 | 545.8 | 569.1 | 575.0  | 639.4 | 725.4 | 768.4 | 838.1  | 977.5  |
| 137.5° | 592.9 | 569.7 | 546.6 | 569.7 | 592.9 | 598.7  | 654.9 | 729.9 | 767.3 | 826.2  | 944.0  |
| 140°   | 609.4 | 588.0 | 566.7 | 588.0 | 609.4 | 614.7  | 664.4 | 730.7 | 763.7 | 814.6  | 916.4  |
| 142.5° | 621.6 | 601.9 | 582.2 | 601.9 | 621.6 | 626.6  | 672.3 | 733.3 | 763.7 | 808.5  | 897.8  |
| 145°   | 640.3 | 623.1 | 606.0 | 623.1 | 640.3 | 644.6  | 682.6 | 733.3 | 758.6 | 795.1  | 868.2  |
| 147.5° | 663.1 | 646.4 | 629.7 | 646.4 | 663.1 | 667.3  | 697.7 | 738.2 | 758.6 | 787.3  | 844.9  |
| 150°   | 675.4 | 660.2 | 645.1 | 660.2 | 675.4 | 679.2  | 705.7 | 740.9 | 758.6 | 782.9  | 831.5  |
| 152.5° | 684.1 | 672.6 | 661.1 | 672.6 | 684.1 | 686.9  | 710.8 | 742.6 | 758.6 | 779.3  | 820.8  |
| 155°   | 701.8 | 693.3 | 684.8 | 693.3 | 701.8 | 703.9  | 722.1 | 746.4 | 758.6 | 775.1  | 808.1  |
| 157.5° | 718.8 | 710.6 | 702.4 | 710.6 | 718.8 | 720.9  | 733.5 | 750.2 | 758.6 | 771.4  | 797.1  |
| 160°   | 727.1 | 720.6 | 714.2 | 720.6 | 727.1 | 728.7  | 738.6 | 751.9 | 758.6 | 769.5  | 791.5  |
| 162.5° | 735.7 | 730.9 | 726.1 | 730.9 | 735.7 | 736.9  | 744.1 | 753.8 | 758.6 | 767.8  | 786.4  |
| 165°   | 747.7 | 743.3 | 738.9 | 743.3 | 747.7 | 748.8  | 752.1 | 756.4 | 758.6 | 765.2  | 778.5  |
| 167.5° | 755.0 | 752.9 | 750.9 | 752.9 | 755.0 | 755.5  | 758.3 | 761.9 | 763.7 | 768.1  | 776.8  |
| 170°   | 762.7 | 760.6 | 758.6 | 760.6 | 762.7 | 763.2  | 763.4 | 763.6 | 763.7 | 768.1  | 776.8  |
| 172.5° | 763.6 | 763.1 | 762.7 | 763.1 | 763.6 | 763.7  | 763.7 | 763.7 | 763.7 | 767.1  | 774.0  |
| 175°   | 768.4 | 768.4 | 768.4 | 768.4 | 768.4 | 768.4  | 766.8 | 764.7 | 763.7 | 765.9  | 770.2  |
| 177.5° | 768.4 | 768.4 | 768.4 | 768.4 | 768.4 | 768.4  | 767.2 | 765.5 | 764.7 | 766.4  | 769.9  |
| 180°   | 768.4 | 768.4 | 768.4 | 768.4 | 768.4 | 768.4  | 768.4 | 768.4 | 768.4 | 768.4  | 768.4  |

TEST NUMBER: P935782

CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-W2A-W-4-2700K

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 260°   | 270°   | 280°   | 290°   | 292.5° | 300°   | 310°   | 315°   | 320°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1781.6 | 1781.6 | 1781.6 | 1781.6 | 1781.6 | 1781.6 | 1781.6 | 1781.6 | 1781.6 | 1781.6 | 1781.6 |
| 2.5°   | 1719.3 | 1714.2 | 1721.0 | 1702.4 | 1721.0 | 1714.2 | 1719.3 | 1731.0 | 1721.0 | 1727.7 | 1734.4 |
| 5°     | 1508.5 | 1500.2 | 1473.2 | 1451.3 | 1473.2 | 1500.2 | 1508.5 | 1544.0 | 1560.8 | 1591.2 | 1631.6 |
| 7.5°   | 1348.5 | 1341.7 | 1334.9 | 1321.5 | 1334.9 | 1341.7 | 1348.5 | 1358.5 | 1375.4 | 1402.4 | 1432.7 |
| 10°    | 1313.0 | 1314.7 | 1324.9 | 1323.2 | 1324.9 | 1314.7 | 1313.0 | 1309.6 | 1304.7 | 1309.6 | 1328.2 |
| 12.5°  | 1404.1 | 1419.2 | 1474.9 | 1471.5 | 1474.9 | 1419.2 | 1404.1 | 1336.6 | 1291.1 | 1282.7 | 1286.0 |
| 15°    | 1508.5 | 1513.6 | 1525.5 | 1527.1 | 1525.5 | 1513.6 | 1508.5 | 1481.6 | 1345.1 | 1286.0 | 1267.5 |
| 17.5°  | 1518.7 | 1520.4 | 1528.8 | 1528.8 | 1528.8 | 1520.4 | 1518.7 | 1506.8 | 1461.3 | 1382.1 | 1277.7 |
| 20°    | 1510.2 | 1513.6 | 1530.5 | 1533.8 | 1530.5 | 1513.6 | 1510.2 | 1495.1 | 1469.8 | 1441.1 | 1361.9 |
| 22.5°  | 1506.8 | 1513.6 | 1527.1 | 1525.5 | 1527.1 | 1513.6 | 1506.8 | 1483.2 | 1461.3 | 1441.1 | 1409.1 |
| 25°    | 1490.0 | 1490.0 | 1491.7 | 1493.4 | 1491.7 | 1490.0 | 1490.0 | 1471.5 | 1427.7 | 1422.6 | 1404.1 |
| 27.5°  | 1454.7 | 1458.0 | 1468.1 | 1466.4 | 1468.1 | 1458.0 | 1454.7 | 1447.9 | 1400.7 | 1395.6 | 1382.1 |
| 30°    | 1422.6 | 1419.2 | 1410.8 | 1404.1 | 1410.8 | 1419.2 | 1422.6 | 1412.5 | 1365.3 | 1351.8 | 1355.2 |
| 32.5°  | 1368.7 | 1360.2 | 1351.8 | 1346.8 | 1351.8 | 1360.2 | 1368.7 | 1365.3 | 1329.9 | 1311.3 | 1314.7 |
| 35°    | 1304.7 | 1306.3 | 1304.7 | 1299.6 | 1304.7 | 1306.3 | 1304.7 | 1307.9 | 1286.0 | 1269.2 | 1267.5 |
| 37.5°  | 1259.1 | 1262.4 | 1260.8 | 1254.1 | 1260.8 | 1262.4 | 1259.1 | 1255.8 | 1225.4 | 1220.3 | 1223.7 |
| 40°    | 1211.9 | 1213.6 | 1211.9 | 1206.9 | 1211.9 | 1213.6 | 1211.9 | 1205.2 | 1163.0 | 1164.7 | 1176.5 |
| 42.5°  | 1166.4 | 1164.7 | 1159.6 | 1156.3 | 1159.6 | 1164.7 | 1166.4 | 1156.3 | 1102.4 | 1097.3 | 1119.2 |
| 45°    | 1114.1 | 1115.8 | 1105.8 | 1100.7 | 1105.8 | 1115.8 | 1114.1 | 1107.5 | 1051.8 | 1038.3 | 1053.5 |
| 47.5°  | 1061.9 | 1061.9 | 1053.5 | 1048.4 | 1053.5 | 1061.9 | 1061.9 | 1053.5 | 994.5  | 981.0  | 989.4  |
| 50°    | 1006.3 | 1004.6 | 992.8  | 991.1  | 992.8  | 1004.6 | 1006.3 | 1001.2 | 938.8  | 927.1  | 927.1  |
| 52.5°  | 942.2  | 942.2  | 943.9  | 947.3  | 943.9  | 942.2  | 942.2  | 943.9  | 888.3  | 876.5  | 873.1  |
| 55°    | 886.6  | 888.3  | 900.1  | 903.5  | 900.1  | 888.3  | 886.6  | 886.6  | 836.0  | 824.2  | 817.5  |
| 57.5°  | 829.3  | 829.3  | 837.7  | 837.7  | 837.7  | 829.3  | 829.3  | 825.9  | 777.1  | 766.9  | 763.5  |
| 60°    | 763.5  | 766.9  | 773.7  | 772.0  | 773.7  | 766.9  | 763.5  | 760.1  | 718.0  | 711.3  | 699.5  |
| 62.5°  | 694.4  | 697.8  | 699.5  | 696.1  | 699.5  | 697.8  | 694.4  | 684.4  | 659.1  | 654.0  | 638.8  |
| 65°    | 622.0  | 625.4  | 627.0  | 623.7  | 627.0  | 625.4  | 622.0  | 616.9  | 598.4  | 589.9  | 576.5  |
| 67.5°  | 547.8  | 546.1  | 544.4  | 551.2  | 544.4  | 546.1  | 547.8  | 541.0  | 529.3  | 522.5  | 504.0  |
| 70°    | 471.9  | 471.9  | 470.3  | 473.6  | 470.3  | 471.9  | 471.9  | 466.9  | 460.2  | 455.1  | 438.2  |
| 72.5°  | 391.0  | 389.3  | 396.1  | 391.0  | 396.1  | 389.3  | 391.0  | 389.3  | 386.0  | 381.0  | 364.0  |
| 75°    | 311.8  | 315.2  | 311.8  | 316.9  | 311.8  | 315.2  | 311.8  | 313.5  | 311.8  | 308.5  | 296.6  |
| 77.5°  | 237.6  | 241.0  | 237.6  | 237.6  | 237.6  | 241.0  | 237.6  | 239.3  | 239.3  | 239.3  | 229.3  |
| 80°    | 168.5  | 166.8  | 166.8  | 165.1  | 166.8  | 166.8  | 168.5  | 168.5  | 170.2  | 166.8  | 163.5  |
| 82.5°  | 107.9  | 106.2  | 106.2  | 109.6  | 106.2  | 106.2  | 107.9  | 109.6  | 106.2  | 106.2  | 106.2  |
| 85°    | 59.0   | 60.7   | 57.3   | 57.3   | 57.3   | 60.7   | 59.0   | 55.6   | 59.0   | 59.0   | 57.3   |
| 87.5°  | 21.9   | 20.2   | 20.2   | 20.2   | 20.2   | 20.2   | 21.9   | 23.6   | 23.6   | 23.6   | 25.3   |
| 90°    | 19.6   | 19.6   | 19.6   | 19.6   | 19.6   | 19.6   | 19.6   | 26.1   | 34.8   | 39.1   | 33.7   |
| 92.5°  | 98.0   | 94.1   | 78.5   | 62.9   | 78.5   | 94.1   | 98.0   | 138.9  | 193.4  | 220.7  | 193.8  |
| 95°    | 332.7  | 320.8  | 273.6  | 226.4  | 273.6  | 320.8  | 332.7  | 436.8  | 575.7  | 645.1  | 544.8  |
| 97.5°  | 767.8  | 745.4  | 655.6  | 565.7  | 655.6  | 745.4  | 767.8  | 833.7  | 921.4  | 965.3  | 798.1  |
| 100°   | 1078.3 | 1051.5 | 944.5  | 837.4  | 944.5  | 1051.5 | 1078.3 | 1073.5 | 1067.0 | 1063.8 | 878.3  |
| 102.5° | 1343.4 | 1320.5 | 1228.8 | 1137.1 | 1228.8 | 1320.5 | 1343.4 | 1259.5 | 1147.7 | 1091.7 | 903.6  |
| 105°   | 1652.8 | 1640.4 | 1591.2 | 1541.9 | 1591.2 | 1640.4 | 1652.8 | 1464.7 | 1214.0 | 1088.6 | 906.5  |
| 107.5° | 1813.6 | 1816.6 | 1828.6 | 1840.5 | 1828.6 | 1816.6 | 1813.6 | 1551.4 | 1201.7 | 1026.8 | 866.1  |
| 110°   | 1855.0 | 1867.8 | 1919.1 | 1970.4 | 1919.1 | 1867.8 | 1855.0 | 1561.7 | 1170.7 | 975.2  | 830.4  |

TEST NUMBER: P935782

CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-W2A-W-4-2700K

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 260°   | 270°   | 280°   | 290°   | 292.5° | 300°   | 310°   | 315°  | 320°  |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|
| 112.5° | 1828.7 | 1848.4 | 1927.2 | 2006.0 | 1927.2 | 1848.4 | 1828.7 | 1528.6 | 1128.4 | 928.3 | 799.1 |
| 115°   | 1739.4 | 1766.7 | 1876.1 | 1985.4 | 1876.1 | 1766.7 | 1739.4 | 1450.3 | 1064.7 | 872.0 | 763.2 |
| 117.5° | 1616.1 | 1646.4 | 1767.7 | 1888.9 | 1767.7 | 1646.4 | 1616.1 | 1355.2 | 1007.3 | 833.4 | 740.9 |
| 120°   | 1533.1 | 1562.6 | 1680.4 | 1798.2 | 1680.4 | 1562.6 | 1533.1 | 1294.7 | 976.9  | 817.9 | 733.4 |
| 122.5° | 1450.1 | 1479.2 | 1595.3 | 1711.5 | 1595.3 | 1479.2 | 1450.1 | 1235.4 | 949.2  | 806.1 | 729.4 |
| 125°   | 1340.2 | 1367.0 | 1474.0 | 1581.1 | 1474.0 | 1367.0 | 1340.2 | 1157.8 | 914.7  | 793.1 | 726.1 |
| 127.5° | 1252.1 | 1274.7 | 1364.9 | 1455.3 | 1364.9 | 1274.7 | 1252.1 | 1095.5 | 886.6  | 782.3 | 724.2 |
| 130°   | 1196.4 | 1217.2 | 1300.7 | 1384.1 | 1300.7 | 1217.2 | 1196.4 | 1057.0 | 871.1  | 778.2 | 725.4 |
| 132.5° | 1149.0 | 1167.6 | 1242.3 | 1317.0 | 1242.3 | 1167.6 | 1149.0 | 1024.2 | 857.8  | 774.6 | 726.1 |
| 135°   | 1082.0 | 1098.1 | 1162.4 | 1226.8 | 1162.4 | 1098.1 | 1082.0 | 977.5  | 838.1  | 768.4 | 725.4 |
| 137.5° | 1032.4 | 1045.5 | 1098.3 | 1151.0 | 1098.3 | 1045.5 | 1032.4 | 944.0  | 826.2  | 767.3 | 729.9 |
| 140°   | 992.7  | 1005.1 | 1054.3 | 1103.6 | 1054.3 | 1005.1 | 992.7  | 916.4  | 814.6  | 763.7 | 730.7 |
| 142.5° | 964.8  | 975.4  | 1017.8 | 1060.2 | 1017.8 | 975.4  | 964.8  | 897.8  | 808.5  | 763.7 | 733.3 |
| 145°   | 923.1  | 931.2  | 963.2  | 995.3  | 963.2  | 931.2  | 923.1  | 868.2  | 795.1  | 758.6 | 733.3 |
| 147.5° | 888.0  | 894.7  | 921.2  | 947.8  | 921.2  | 894.7  | 888.0  | 844.9  | 787.3  | 758.6 | 738.2 |
| 150°   | 867.9  | 873.3  | 894.9  | 916.4  | 894.9  | 873.3  | 867.9  | 831.5  | 782.9  | 758.6 | 740.9 |
| 152.5° | 851.9  | 856.0  | 872.2  | 888.5  | 872.2  | 856.0  | 851.9  | 820.8  | 779.3  | 758.6 | 742.6 |
| 155°   | 832.9  | 835.5  | 846.3  | 857.1  | 846.3  | 835.5  | 832.9  | 808.1  | 775.1  | 758.6 | 746.4 |
| 157.5° | 816.3  | 818.2  | 825.8  | 833.4  | 825.8  | 818.2  | 816.3  | 797.1  | 771.4  | 758.6 | 750.2 |
| 160°   | 808.1  | 809.2  | 813.5  | 817.9  | 813.5  | 809.2  | 808.1  | 791.5  | 769.5  | 758.6 | 751.9 |
| 162.5° | 800.4  | 801.4  | 805.6  | 809.6  | 805.6  | 801.4  | 800.4  | 786.4  | 767.8  | 758.6 | 753.8 |
| 165°   | 788.4  | 789.5  | 793.9  | 798.3  | 793.9  | 789.5  | 788.4  | 778.5  | 765.2  | 758.6 | 756.4 |
| 167.5° | 783.4  | 783.9  | 785.6  | 787.4  | 785.6  | 783.9  | 783.4  | 776.8  | 768.1  | 763.7 | 761.9 |
| 170°   | 783.4  | 783.4  | 783.4  | 783.4  | 783.4  | 783.4  | 783.4  | 776.8  | 768.1  | 763.7 | 763.6 |
| 172.5° | 779.2  | 778.8  | 777.2  | 775.6  | 777.2  | 778.8  | 779.2  | 774.0  | 767.1  | 763.7 | 763.7 |
| 175°   | 773.5  | 773.5  | 773.5  | 773.5  | 773.5  | 773.5  | 773.5  | 770.2  | 765.9  | 763.7 | 764.7 |
| 177.5° | 772.5  | 772.0  | 770.2  | 768.4  | 770.2  | 772.0  | 772.5  | 769.9  | 766.4  | 764.7 | 765.5 |
| 180°   | 768.4  | 768.4  | 768.4  | 768.4  | 768.4  | 768.4  | 768.4  | 768.4  | 768.4  | 768.4 | 768.4 |

TEST NUMBER: P935782

CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-W2A-W-4-2700K

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 337.5° | 340°   | 350°   | 360°   |
|--------|--------|--------|--------|--------|--------|
| 0°     | 1781.6 | 1781.6 | 1781.6 | 1781.6 | 1781.6 |
| 2.5°   | 1759.7 | 1768.1 | 1773.2 | 1780.0 | 1796.8 |
| 5°     | 1692.3 | 1724.3 | 1734.4 | 1759.7 | 1790.0 |
| 7.5°   | 1544.0 | 1641.7 | 1668.7 | 1729.4 | 1776.6 |
| 10°    | 1400.7 | 1498.5 | 1545.7 | 1688.9 | 1759.7 |
| 12.5°  | 1328.2 | 1385.5 | 1417.5 | 1618.1 | 1736.1 |
| 15°    | 1282.7 | 1323.2 | 1346.8 | 1523.8 | 1709.1 |
| 17.5°  | 1247.3 | 1276.0 | 1292.8 | 1431.1 | 1672.1 |
| 20°    | 1225.4 | 1238.9 | 1254.1 | 1363.6 | 1630.0 |
| 22.5°  | 1210.2 | 1201.8 | 1213.6 | 1316.4 | 1572.6 |
| 25°    | 1200.1 | 1168.1 | 1181.6 | 1279.4 | 1505.2 |
| 27.5°  | 1208.5 | 1137.7 | 1142.8 | 1245.6 | 1434.4 |
| 30°    | 1210.2 | 1100.7 | 1102.4 | 1210.2 | 1355.2 |
| 32.5°  | 1198.4 | 1061.9 | 1063.6 | 1166.4 | 1265.8 |
| 35°    | 1169.8 | 1016.4 | 1014.7 | 1115.8 | 1144.5 |
| 37.5°  | 1131.0 | 967.5  | 967.5  | 1060.2 | 1011.3 |
| 40°    | 1083.8 | 918.6  | 923.7  | 987.7  | 893.3  |
| 42.5°  | 1026.5 | 866.4  | 873.1  | 891.6  | 805.7  |
| 45°    | 964.1  | 815.8  | 820.9  | 753.5  | 738.2  |
| 47.5°  | 895.0  | 763.5  | 765.2  | 625.4  | 716.3  |
| 50°    | 812.4  | 709.6  | 702.9  | 536.0  | 714.6  |
| 52.5°  | 739.9  | 650.6  | 630.4  | 485.5  | 648.9  |
| 55°    | 669.2  | 588.2  | 544.4  | 446.7  | 601.8  |
| 57.5°  | 606.8  | 507.4  | 465.2  | 401.2  | 591.6  |
| 60°    | 549.5  | 428.1  | 396.1  | 352.3  | 542.7  |
| 62.5°  | 502.3  | 369.1  | 362.3  | 318.5  | 492.2  |
| 65°    | 451.7  | 328.7  | 327.0  | 289.9  | 418.0  |
| 67.5°  | 402.9  | 301.7  | 300.0  | 262.9  | 318.5  |
| 70°    | 350.6  | 273.1  | 269.7  | 234.3  | 236.0  |
| 72.5°  | 296.6  | 241.0  | 237.6  | 210.7  | 195.5  |
| 75°    | 242.7  | 204.0  | 202.3  | 183.8  | 158.5  |
| 77.5°  | 190.4  | 161.8  | 165.1  | 148.3  | 116.3  |
| 80°    | 136.6  | 118.0  | 121.3  | 106.2  | 87.6   |
| 82.5°  | 91.0   | 77.5   | 80.9   | 67.4   | 59.0   |
| 85°    | 50.6   | 43.8   | 45.5   | 35.4   | 27.0   |
| 87.5°  | 23.6   | 20.2   | 20.2   | 13.4   | 8.5    |
| 90°    | 22.7   | 14.4   | 13.4   | 9.3    | 5.2    |
| 92.5°  | 139.9  | 99.5   | 90.7   | 55.7   | 20.6   |
| 95°    | 344.3  | 193.9  | 177.9  | 113.6  | 49.5   |
| 97.5°  | 463.7  | 212.9  | 198.8  | 142.1  | 85.6   |
| 100°   | 507.3  | 229.0  | 216.1  | 164.8  | 113.4  |
| 102.5° | 527.2  | 244.9  | 233.0  | 185.1  | 137.1  |
| 105°   | 542.0  | 268.7  | 258.6  | 218.0  | 177.4  |
| 107.5° | 544.8  | 303.8  | 294.3  | 256.5  | 218.6  |
| 110°   | 540.6  | 323.3  | 314.7  | 280.7  | 246.5  |



TEST NUMBER: P935782

CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-W2A-W-4-2700K

**CANDELA DISTRIBUTION (continued):**

|        | 330°  | 337.5° | 340°  | 350°  | 360°  |
|--------|-------|--------|-------|-------|-------|
| 112.5° | 540.7 | 347.0  | 338.8 | 306.4 | 273.8 |
| 115°   | 545.8 | 382.7  | 375.2 | 345.1 | 315.0 |
| 117.5° | 556.0 | 417.2  | 410.5 | 383.2 | 355.9 |
| 120°   | 564.2 | 437.3  | 431.0 | 405.3 | 379.6 |
| 122.5° | 576.1 | 461.0  | 454.6 | 428.7 | 402.8 |
| 125°   | 592.0 | 491.4  | 485.6 | 461.9 | 438.3 |
| 127.5° | 608.0 | 520.8  | 514.8 | 491.0 | 467.2 |
| 130°   | 619.7 | 540.4  | 534.1 | 508.4 | 482.7 |
| 132.5° | 629.2 | 556.5  | 550.1 | 524.4 | 498.7 |
| 135°   | 639.4 | 575.0  | 569.1 | 545.8 | 522.4 |
| 137.5° | 654.9 | 598.7  | 592.9 | 569.7 | 546.6 |
| 140°   | 664.4 | 614.7  | 609.4 | 588.0 | 566.7 |
| 142.5° | 672.3 | 626.6  | 621.6 | 601.9 | 582.2 |
| 145°   | 682.6 | 644.6  | 640.3 | 623.1 | 606.0 |
| 147.5° | 697.7 | 667.3  | 663.1 | 646.4 | 629.7 |
| 150°   | 705.7 | 679.2  | 675.4 | 660.2 | 645.1 |
| 152.5° | 710.8 | 686.9  | 684.1 | 672.6 | 661.1 |
| 155°   | 722.1 | 703.9  | 701.8 | 693.3 | 684.8 |
| 157.5° | 733.5 | 720.9  | 718.8 | 710.6 | 702.4 |
| 160°   | 738.6 | 728.7  | 727.1 | 720.6 | 714.2 |
| 162.5° | 744.1 | 736.9  | 735.7 | 730.9 | 726.1 |
| 165°   | 752.1 | 748.8  | 747.7 | 743.3 | 738.9 |
| 167.5° | 758.3 | 755.5  | 755.0 | 752.9 | 750.9 |
| 170°   | 763.4 | 763.2  | 762.7 | 760.6 | 758.6 |
| 172.5° | 763.7 | 763.7  | 763.6 | 763.1 | 762.7 |
| 175°   | 766.8 | 768.4  | 768.4 | 768.4 | 768.4 |
| 177.5° | 767.2 | 768.4  | 768.4 | 768.4 | 768.4 |
| 180°   | 768.4 | 768.4  | 768.4 | 768.4 | 768.4 |

TEST NUMBER: P935782

CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-W2A-W-4-2700K

**CIE UGR TABLE:**

| Reflectances:   |      |                  |       |       |       |       |                |       |       |       |       |
|-----------------|------|------------------|-------|-------|-------|-------|----------------|-------|-------|-------|-------|
| Ceiling         |      | 0.7              | 0.7   | 0.5   | 0.5   | 0.3   | 0.7            | 0.7   | 0.5   | 0.5   | 0.3   |
| Wall            |      | 0.5              | 0.3   | 0.5   | 0.3   | 0.3   | 0.5            | 0.3   | 0.5   | 0.3   | 0.3   |
| Reference plane |      | 0.2              | 0.2   | 0.2   | 0.2   | 0.2   | 0.2            | 0.2   | 0.2   | 0.2   | 0.2   |
| Room dimensions |      | Viewed crosswise |       |       |       |       | Viewed endwise |       |       |       |       |
| X=2H            | Y=2H | 14.36            | 15.21 | 15.34 | 16.20 | 17.49 | 17.16          | 18.01 | 18.13 | 18.99 | 20.29 |
|                 | 3H   | 14.84            | 15.60 | 15.82 | 16.59 | 17.91 | 18.50          | 19.25 | 19.48 | 20.25 | 21.57 |
|                 | 4H   | 15.03            | 15.75 | 16.03 | 16.75 | 18.07 | 18.93          | 19.65 | 19.93 | 20.65 | 21.98 |
|                 | 6H   | 15.15            | 15.81 | 16.16 | 16.81 | 18.15 | 19.21          | 19.87 | 20.22 | 20.87 | 22.21 |
|                 | 8H   | 15.15            | 15.78 | 16.16 | 16.80 | 18.14 | 19.28          | 19.91 | 20.29 | 20.93 | 22.27 |
|                 | 12H  | 15.12            | 15.72 | 16.14 | 16.73 | 18.09 | 19.31          | 19.91 | 20.33 | 20.93 | 22.29 |
| 4H              | 2H   | 15.39            | 16.10 | 16.39 | 17.10 | 18.43 | 17.57          | 18.29 | 18.57 | 19.29 | 20.61 |
|                 | 3H   | 16.41            | 17.01 | 17.43 | 18.04 | 19.38 | 19.07          | 19.66 | 20.08 | 20.69 | 22.03 |
|                 | 4H   | 16.69            | 17.23 | 17.71 | 18.26 | 19.62 | 19.59          | 20.13 | 20.61 | 21.15 | 22.52 |
|                 | 6H   | 16.81            | 17.28 | 17.84 | 18.33 | 19.69 | 19.94          | 20.41 | 20.97 | 21.46 | 22.82 |
|                 | 8H   | 16.82            | 17.26 | 17.85 | 18.29 | 19.67 | 20.04          | 20.48 | 21.08 | 21.52 | 22.90 |
|                 | 12H  | 16.78            | 17.18 | 17.84 | 18.23 | 19.61 | 20.10          | 20.49 | 21.15 | 21.54 | 22.92 |
| 8H              | 4H   | 17.14            | 17.57 | 18.17 | 18.61 | 19.99 | 19.71          | 20.15 | 20.74 | 21.19 | 22.56 |
|                 | 6H   | 17.40            | 17.76 | 18.45 | 18.84 | 20.21 | 20.14          | 20.50 | 21.19 | 21.58 | 22.95 |
|                 | 8H   | 17.44            | 17.76 | 18.50 | 18.82 | 20.21 | 20.29          | 20.60 | 21.35 | 21.67 | 23.06 |
|                 | 12H  | 17.42            | 17.70 | 18.49 | 18.76 | 20.20 | 20.38          | 20.66 | 21.44 | 21.72 | 23.15 |
| 12H             | 4H   | 17.14            | 17.54 | 18.19 | 18.59 | 19.97 | 19.67          | 20.07 | 20.73 | 21.12 | 22.50 |
|                 | 6H   | 17.46            | 17.77 | 18.52 | 18.84 | 20.23 | 20.14          | 20.45 | 21.20 | 21.52 | 22.91 |
|                 | 8H   | 17.52            | 17.80 | 18.59 | 18.86 | 20.29 | 20.29          | 20.57 | 21.36 | 21.63 | 23.06 |

END OF REPORT