

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: P935790

Luminaire Tested: SQ4-FA-125U-125D-B2750-1D-UNV-W2A-W-6-4000K

Issue Date: 12/17/2024

**Test Information**

Test Method: LM-79-2019  
Report Number: P935790  
REPORT IS A COMBINATION OF REPORTS P933767 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-6-4000K  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

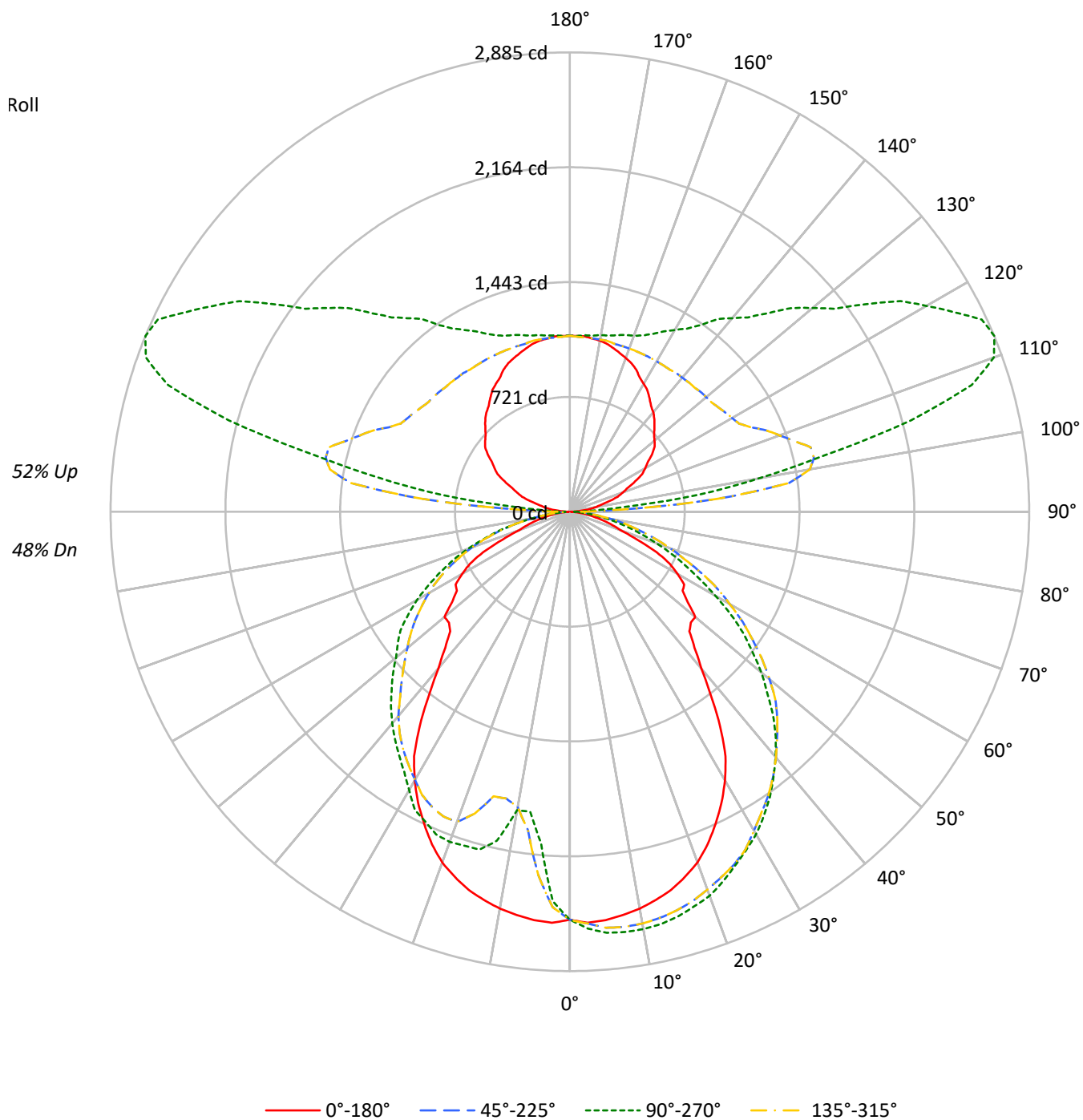
Lumens per Lamp: N/A  
Luminaire Lumens: 13811.2 lumens  
Efficiency: N/A  
Efficacy: 122.4 lumens/watt  
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36  
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 6' x H: 0.1')  
CIE Type: General Diffuse

Input Watts (W): 112.8  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

TEST NUMBER: P935790

CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-W2A-W-6-4000K

### Luminous Intensity Polar Plot



TEST NUMBER: P935790

CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-W2A-W-6-4000K

**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   | 62  | 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°  | 15850 | 15850 | 15850 | 15850 |
| 5°  | 15962 | 15999 | 15962 | 12580 |
| 10° | 15850 | 15760 | 15850 | 11267 |
| 15° | 15671 | 15419 | 15671 | 12874 |
| 20° | 15338 | 15014 | 15338 | 12902 |
| 25° | 14660 | 14424 | 14660 | 12628 |
| 30° | 13788 | 13934 | 13788 | 12029 |
| 35° | 12286 | 13315 | 12286 | 11368 |
| 40° | 10231 | 12585 | 10231 | 10870 |
| 45° | 9136  | 11732 | 9136  | 10297 |
| 50° | 9699  | 10714 | 9699  | 9721  |
| 55° | 9115  | 9616  | 9115  | 9389  |
| 60° | 9386  | 8167  | 9386  | 8600  |
| 65° | 8497  | 6751  | 8497  | 7547  |
| 70° | 5868  | 5380  | 5868  | 6326  |
| 75° | 5128  | 3978  | 5128  | 4763  |
| 80° | 4104  | 2629  | 4104  | 2863  |
| 85° | 2313  | 1392  | 2313  | 1184  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°

Vertical Angle: 45°

Luminance: 14011 cd/sqm

TEST NUMBER: P935790

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**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 231.3   | 1.7       |
| 10°-20°   | 656.6   | 4.8       |
| 20°-30°   | 1015.1  | 7.3       |
| 30°-40°   | 1211.8  | 8.8       |
| 40°-50°   | 1218.9  | 8.8       |
| 50°-60°   | 1060.5  | 7.7       |
| 60°-70°   | 751.9   | 5.4       |
| 70°-80°   | 397.8   | 2.9       |
| 80°-90°   | 103.3   | 0.7       |
| 90°-100°  | 538.7   | 3.9       |
| 100°-110° | 1416.2  | 10.3      |
| 110°-120° | 1468.5  | 10.6      |
| 120°-130° | 1177.9  | 8.5       |
| 130°-140° | 924.2   | 6.7       |
| 140°-150° | 709.4   | 5.1       |
| 150°-160° | 510.9   | 3.7       |
| 160°-170° | 312.6   | 2.3       |
| 170°-180° | 105.6   | 0.8       |
| 0°-30°    | 1903.0  | 13.8      |
| 0°-40°    | 3114.7  | 22.6      |
| 0°-60°    | 5394.1  | 39.1      |
| 0°-90°    | 6647.2  | 48.1      |
| 90°-120°  | 3423.4  | 24.8      |
| 90°-150°  | 6234.9  | 45.1      |
| 90°-180°  | 7164.0  | 51.9      |
| 0°-180°   | 13811.2 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 2562 | 2562 | 2562 | 2562 | 2562 |      |
| 5°   | 2574 | 2654 | 2574 | 2087 | 2574 | 244  |
| 15°  | 2458 | 2630 | 2458 | 2196 | 2458 | 692  |
| 25°  | 2164 | 2453 | 2164 | 2148 | 2164 | 994  |
| 35°  | 1646 | 2189 | 1646 | 1869 | 1646 | 1018 |
| 45°  | 1062 | 1803 | 1062 | 1583 | 1062 | 850  |
| 55°  | 865  | 1331 | 865  | 1299 | 865  | 795  |
| 65°  | 601  | 802  | 601  | 897  | 601  | 575  |
| 75°  | 228  | 381  | 228  | 456  | 228  | 240  |
| 85°  | 39   | 97   | 39   | 82   | 39   | 52   |
| 90°  | 7    | 28   | 7    | 28   | 7    | 8    |
| 95°  | 71   | 326  | 71   | 326  | 71   | 79   |
| 105° | 255  | 2218 | 255  | 2218 | 255  | 271  |
| 115° | 453  | 2855 | 453  | 2855 | 453  | 448  |
| 125° | 630  | 2274 | 630  | 2274 | 630  | 560  |
| 135° | 751  | 1764 | 751  | 1764 | 751  | 581  |
| 145° | 871  | 1431 | 871  | 1431 | 871  | 546  |
| 155° | 985  | 1233 | 985  | 1233 | 985  | 453  |
| 165° | 1063 | 1148 | 1063 | 1148 | 1063 | 300  |
| 175° | 1105 | 1113 | 1105 | 1113 | 1105 | 105  |
| 180° | 1105 | 1105 | 1105 | 1105 | 1105 |      |

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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 10°    | 20°    | 22.5°  | 30°    | 40°    | 45°    | 50°    | 60°    | 67.5°  | 70°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 2562.1 | 2562.1 | 2562.1 | 2562.1 | 2562.1 | 2562.1 | 2562.1 | 2562.1 | 2562.1 | 2562.1 | 2562.1 |
| 2.5°   | 2583.8 | 2583.8 | 2598.5 | 2603.2 | 2603.2 | 2596.0 | 2588.7 | 2596.0 | 2617.8 | 2625.1 | 2622.6 |
| 5°     | 2574.2 | 2593.6 | 2620.2 | 2625.1 | 2630.0 | 2627.5 | 2622.6 | 2627.5 | 2651.7 | 2656.6 | 2659.0 |
| 7.5°   | 2554.8 | 2591.1 | 2625.1 | 2632.4 | 2639.6 | 2632.4 | 2630.0 | 2634.7 | 2659.0 | 2663.9 | 2663.9 |
| 10°    | 2530.6 | 2581.5 | 2620.2 | 2625.1 | 2632.4 | 2625.1 | 2625.1 | 2634.7 | 2659.0 | 2663.9 | 2666.3 |
| 12.5°  | 2496.7 | 2566.9 | 2603.2 | 2608.1 | 2617.8 | 2615.4 | 2613.0 | 2622.6 | 2646.9 | 2651.7 | 2651.7 |
| 15°    | 2457.9 | 2540.2 | 2574.2 | 2579.1 | 2596.0 | 2591.1 | 2591.1 | 2600.8 | 2627.5 | 2634.7 | 2632.4 |
| 17.5°  | 2404.5 | 2506.3 | 2545.1 | 2552.3 | 2564.5 | 2562.1 | 2564.5 | 2574.2 | 2598.5 | 2603.2 | 2605.7 |
| 20°    | 2344.0 | 2460.3 | 2506.3 | 2513.6 | 2525.7 | 2525.7 | 2525.7 | 2537.8 | 2562.1 | 2571.7 | 2571.7 |
| 22.5°  | 2261.5 | 2411.8 | 2460.3 | 2465.1 | 2479.7 | 2479.7 | 2484.5 | 2501.4 | 2523.3 | 2525.7 | 2525.7 |
| 25°    | 2164.5 | 2358.5 | 2399.6 | 2414.2 | 2428.8 | 2436.0 | 2443.3 | 2453.0 | 2460.3 | 2457.9 | 2460.3 |
| 27.5°  | 2062.7 | 2290.6 | 2344.0 | 2353.6 | 2373.0 | 2380.2 | 2390.0 | 2392.4 | 2394.9 | 2402.1 | 2397.2 |
| 30°    | 1948.8 | 2196.0 | 2276.1 | 2285.7 | 2317.2 | 2322.1 | 2312.4 | 2317.2 | 2329.3 | 2334.2 | 2339.1 |
| 32.5°  | 1820.3 | 2055.4 | 2205.8 | 2227.5 | 2256.7 | 2242.1 | 2239.7 | 2246.9 | 2266.3 | 2266.3 | 2271.2 |
| 35°    | 1645.8 | 1946.4 | 2140.3 | 2159.7 | 2181.5 | 2164.5 | 2174.2 | 2176.6 | 2188.8 | 2196.0 | 2193.6 |
| 37.5°  | 1454.4 | 1851.8 | 2072.4 | 2087.0 | 2104.0 | 2082.1 | 2096.7 | 2104.0 | 2113.6 | 2108.8 | 2108.8 |
| 40°    | 1284.7 | 1704.0 | 1992.4 | 2002.2 | 2016.7 | 1999.7 | 2014.3 | 2019.2 | 2023.9 | 2019.2 | 2016.7 |
| 42.5°  | 1158.6 | 1541.6 | 1907.6 | 1919.7 | 1910.0 | 1922.1 | 1927.0 | 1936.7 | 1929.4 | 1919.7 | 1919.7 |
| 45°    | 1061.7 | 1498.0 | 1815.5 | 1830.1 | 1815.5 | 1834.9 | 1842.2 | 1842.2 | 1820.3 | 1815.5 | 1813.1 |
| 47.5°  | 1030.2 | 1410.7 | 1723.4 | 1723.4 | 1716.1 | 1740.4 | 1752.5 | 1735.5 | 1713.7 | 1706.4 | 1706.4 |
| 50°    | 1027.8 | 1313.8 | 1597.3 | 1587.7 | 1621.6 | 1650.7 | 1638.6 | 1621.6 | 1604.6 | 1577.9 | 1577.9 |
| 52.5°  | 933.2  | 1195.0 | 1435.0 | 1471.3 | 1524.7 | 1541.6 | 1522.2 | 1505.3 | 1476.1 | 1464.0 | 1454.4 |
| 55°    | 865.3  | 1071.3 | 1287.1 | 1359.8 | 1415.6 | 1437.4 | 1401.0 | 1384.1 | 1340.4 | 1333.2 | 1328.3 |
| 57.5°  | 850.8  | 892.0  | 1151.3 | 1243.5 | 1311.3 | 1308.9 | 1287.1 | 1255.5 | 1219.2 | 1212.0 | 1209.5 |
| 60°    | 780.5  | 644.7  | 1005.9 | 1115.0 | 1185.3 | 1178.0 | 1158.6 | 1129.6 | 1095.6 | 1090.8 | 1085.9 |
| 62.5°  | 707.8  | 467.9  | 841.1  | 964.7  | 1064.1 | 1061.7 | 1044.7 | 1001.0 | 976.9  | 964.7  | 955.0  |
| 65°    | 601.2  | 392.7  | 598.7  | 802.3  | 945.4  | 950.1  | 913.8  | 882.3  | 855.7  | 841.1  | 838.7  |
| 67.5°  | 458.1  | 319.9  | 404.8  | 669.0  | 831.4  | 826.6  | 780.5  | 765.9  | 732.0  | 724.7  | 710.2  |
| 70°    | 339.3  | 213.3  | 281.2  | 542.9  | 719.9  | 707.8  | 671.5  | 654.5  | 622.9  | 605.9  | 596.3  |
| 72.5°  | 281.2  | 172.1  | 206.0  | 421.7  | 605.9  | 591.4  | 559.9  | 540.5  | 513.9  | 499.4  | 489.6  |
| 75°    | 227.9  | 181.8  | 157.6  | 312.7  | 492.0  | 482.4  | 453.2  | 433.9  | 412.1  | 392.7  | 395.1  |
| 77.5°  | 167.2  | 169.7  | 126.1  | 230.3  | 390.2  | 375.7  | 358.7  | 334.5  | 324.8  | 305.4  | 305.4  |
| 80°    | 126.1  | 133.3  | 94.5   | 157.6  | 281.2  | 281.2  | 266.6  | 249.6  | 232.7  | 223.0  | 223.0  |
| 82.5°  | 84.8   | 84.8   | 70.3   | 99.4   | 191.5  | 184.2  | 174.5  | 169.7  | 160.0  | 155.1  | 155.1  |
| 85°    | 38.8   | 48.5   | 43.6   | 60.6   | 104.2  | 109.1  | 109.1  | 104.2  | 101.8  | 96.9   | 99.4   |
| 87.5°  | 12.1   | 21.8   | 26.6   | 33.9   | 53.3   | 55.8   | 58.2   | 58.2   | 58.2   | 60.6   | 60.6   |
| 90°    | 7.4    | 13.4   | 19.3   | 20.7   | 32.6   | 48.4   | 56.3   | 50.0   | 37.5   | 28.2   | 28.2   |
| 92.5°  | 29.7   | 80.1   | 130.5  | 143.2  | 201.2  | 278.7  | 317.4  | 278.2  | 199.8  | 141.0  | 135.3  |
| 95°    | 71.2   | 163.5  | 255.7  | 278.9  | 495.2  | 783.7  | 927.9  | 828.0  | 628.2  | 478.4  | 461.4  |
| 97.5°  | 123.1  | 204.5  | 285.9  | 306.3  | 667.0  | 1148.0 | 1388.5 | 1325.3 | 1199.1 | 1104.4 | 1072.1 |
| 100°   | 163.2  | 237.0  | 310.9  | 329.3  | 729.5  | 1263.3 | 1530.1 | 1534.7 | 1543.9 | 1550.8 | 1512.3 |
| 102.5° | 197.3  | 266.2  | 335.1  | 352.3  | 758.3  | 1299.5 | 1570.1 | 1650.5 | 1811.4 | 1932.1 | 1899.1 |
| 105°   | 255.2  | 313.5  | 371.8  | 386.4  | 779.5  | 1303.7 | 1565.7 | 1746.0 | 2106.6 | 2377.1 | 2359.3 |
| 107.5° | 314.5  | 368.8  | 423.3  | 436.8  | 783.5  | 1245.6 | 1476.7 | 1728.3 | 2231.3 | 2608.5 | 2612.8 |
| 110°   | 354.5  | 403.6  | 452.7  | 465.0  | 777.5  | 1194.1 | 1402.5 | 1683.7 | 2246.1 | 2667.9 | 2686.3 |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 10°    | 20°    | 22.5°  | 30°    | 40°    | 45°    | 50°    | 60°    | 67.5°  | 70°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 393.8  | 440.6  | 487.4  | 499.2  | 777.8  | 1149.2 | 1335.0 | 1622.7 | 2198.3 | 2630.0 | 2658.3 |
| 115°   | 453.1  | 496.3  | 539.6  | 550.4  | 785.0  | 1097.8 | 1254.2 | 1531.4 | 2085.9 | 2501.7 | 2541.1 |
| 117.5° | 511.8  | 551.0  | 590.2  | 600.0  | 799.5  | 1065.5 | 1198.5 | 1448.7 | 1949.2 | 2324.5 | 2368.0 |
| 120°   | 545.9  | 582.8  | 619.7  | 629.0  | 811.4  | 1054.6 | 1176.3 | 1404.9 | 1862.1 | 2205.0 | 2247.4 |
| 122.5° | 579.3  | 616.5  | 653.8  | 663.1  | 828.5  | 1049.0 | 1159.3 | 1365.2 | 1776.9 | 2085.6 | 2127.4 |
| 125°   | 630.4  | 664.4  | 698.3  | 706.8  | 851.5  | 1044.3 | 1140.7 | 1315.6 | 1665.3 | 1927.7 | 1966.2 |
| 127.5° | 671.9  | 706.2  | 740.5  | 749.1  | 874.5  | 1041.6 | 1125.2 | 1275.3 | 1575.7 | 1800.8 | 1833.3 |
| 130°   | 694.2  | 731.1  | 768.0  | 777.3  | 891.2  | 1043.1 | 1119.2 | 1252.9 | 1520.2 | 1720.7 | 1750.7 |
| 132.5° | 717.2  | 754.2  | 791.0  | 800.3  | 904.9  | 1044.3 | 1114.0 | 1233.7 | 1473.0 | 1652.4 | 1679.3 |
| 135°   | 751.3  | 784.9  | 818.5  | 826.9  | 919.7  | 1043.3 | 1105.1 | 1205.3 | 1405.8 | 1556.1 | 1579.2 |
| 137.5° | 786.2  | 819.5  | 852.8  | 861.1  | 941.9  | 1049.7 | 1103.6 | 1188.3 | 1357.7 | 1484.8 | 1503.7 |
| 140°   | 815.1  | 845.7  | 876.4  | 884.0  | 955.5  | 1050.8 | 1098.4 | 1171.6 | 1318.0 | 1427.7 | 1445.5 |
| 142.5° | 837.3  | 865.7  | 894.1  | 901.1  | 966.9  | 1054.6 | 1098.4 | 1162.7 | 1291.3 | 1387.7 | 1403.0 |
| 145°   | 871.4  | 896.2  | 920.9  | 927.1  | 981.7  | 1054.6 | 1091.0 | 1143.6 | 1248.8 | 1327.6 | 1339.2 |
| 147.5° | 905.6  | 929.7  | 953.8  | 959.8  | 1003.5 | 1061.9 | 1091.0 | 1132.3 | 1215.1 | 1277.2 | 1286.8 |
| 150°   | 927.9  | 949.7  | 971.3  | 976.8  | 1014.9 | 1065.6 | 1091.0 | 1125.9 | 1195.9 | 1248.3 | 1256.0 |
| 152.5° | 950.8  | 967.3  | 983.8  | 987.9  | 1022.3 | 1068.1 | 1091.0 | 1120.8 | 1180.5 | 1225.3 | 1231.1 |
| 155°   | 985.0  | 997.2  | 1009.3 | 1012.4 | 1038.6 | 1073.5 | 1091.0 | 1114.8 | 1162.2 | 1197.9 | 1201.8 |
| 157.5° | 1010.2 | 1022.0 | 1033.9 | 1036.8 | 1054.9 | 1079.0 | 1091.0 | 1109.4 | 1146.4 | 1174.1 | 1176.8 |
| 160°   | 1027.2 | 1036.5 | 1045.7 | 1048.0 | 1062.3 | 1081.4 | 1091.0 | 1106.8 | 1138.5 | 1162.2 | 1163.8 |
| 162.5° | 1044.3 | 1051.2 | 1058.1 | 1059.9 | 1070.3 | 1084.1 | 1091.0 | 1104.4 | 1131.0 | 1151.1 | 1152.6 |
| 165°   | 1062.8 | 1069.1 | 1075.4 | 1077.0 | 1081.6 | 1087.8 | 1091.0 | 1100.5 | 1119.7 | 1134.1 | 1135.6 |
| 167.5° | 1079.9 | 1082.9 | 1085.8 | 1086.6 | 1090.5 | 1095.8 | 1098.4 | 1104.7 | 1117.3 | 1126.6 | 1127.3 |
| 170°   | 1091.0 | 1094.0 | 1096.9 | 1097.7 | 1098.0 | 1098.2 | 1098.4 | 1104.7 | 1117.3 | 1126.6 | 1126.6 |
| 172.5° | 1096.9 | 1097.6 | 1098.2 | 1098.4 | 1098.4 | 1098.4 | 1098.4 | 1103.4 | 1113.2 | 1120.7 | 1120.1 |
| 175°   | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1102.9 | 1100.0 | 1098.4 | 1101.6 | 1107.9 | 1112.6 | 1112.6 |
| 177.5° | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1103.4 | 1101.0 | 1099.9 | 1102.4 | 1107.3 | 1111.0 | 1110.4 |
| 180°   | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 |

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CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-W2A-W-6-4000K

**CANDELA DISTRIBUTION (continued):**

|        | 80°    | 90°    | 100°   | 110°   | 112.5° | 120°   | 130°   | 135°   | 140°   | 150°   | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 2562.1 | 2562.1 | 2562.1 | 2562.1 | 2562.1 | 2562.1 | 2562.1 | 2562.1 | 2562.1 | 2562.1 | 2562.1 |
| 2.5°   | 2627.5 | 2620.2 | 2627.5 | 2622.6 | 2625.1 | 2617.8 | 2596.0 | 2588.7 | 2596.0 | 2603.2 | 2603.2 |
| 5°     | 2659.0 | 2654.1 | 2659.0 | 2659.0 | 2656.6 | 2651.7 | 2627.5 | 2622.6 | 2627.5 | 2630.0 | 2625.1 |
| 7.5°   | 2668.7 | 2661.5 | 2668.7 | 2663.9 | 2663.9 | 2659.0 | 2634.7 | 2630.0 | 2632.4 | 2639.6 | 2632.4 |
| 10°    | 2668.7 | 2661.5 | 2668.7 | 2666.3 | 2663.9 | 2659.0 | 2634.7 | 2625.1 | 2625.1 | 2632.4 | 2625.1 |
| 12.5°  | 2656.6 | 2651.7 | 2656.6 | 2651.7 | 2651.7 | 2646.9 | 2622.6 | 2613.0 | 2615.4 | 2617.8 | 2608.1 |
| 15°    | 2637.2 | 2630.0 | 2637.2 | 2632.4 | 2634.7 | 2627.5 | 2600.8 | 2591.1 | 2591.1 | 2596.0 | 2579.1 |
| 17.5°  | 2608.1 | 2598.5 | 2608.1 | 2605.7 | 2603.2 | 2598.5 | 2574.2 | 2564.5 | 2562.1 | 2564.5 | 2552.3 |
| 20°    | 2574.2 | 2566.9 | 2574.2 | 2571.7 | 2571.7 | 2562.1 | 2537.8 | 2525.7 | 2525.7 | 2525.7 | 2513.6 |
| 22.5°  | 2520.8 | 2513.6 | 2520.8 | 2525.7 | 2525.7 | 2523.3 | 2501.4 | 2484.5 | 2479.7 | 2479.7 | 2465.1 |
| 25°    | 2460.3 | 2453.0 | 2460.3 | 2460.3 | 2457.9 | 2460.3 | 2453.0 | 2443.3 | 2436.0 | 2428.8 | 2414.2 |
| 27.5°  | 2402.1 | 2397.2 | 2402.1 | 2397.2 | 2402.1 | 2394.9 | 2392.4 | 2390.0 | 2380.2 | 2373.0 | 2353.6 |
| 30°    | 2344.0 | 2339.1 | 2344.0 | 2339.1 | 2334.2 | 2329.3 | 2317.2 | 2312.4 | 2322.1 | 2317.2 | 2285.7 |
| 32.5°  | 2271.2 | 2266.3 | 2271.2 | 2271.2 | 2266.3 | 2266.3 | 2246.9 | 2239.7 | 2242.1 | 2256.7 | 2227.5 |
| 35°    | 2196.0 | 2188.8 | 2196.0 | 2193.6 | 2196.0 | 2188.8 | 2176.6 | 2174.2 | 2164.5 | 2181.5 | 2159.7 |
| 37.5°  | 2108.8 | 2101.5 | 2108.8 | 2108.8 | 2108.8 | 2113.6 | 2104.0 | 2096.7 | 2082.1 | 2104.0 | 2087.0 |
| 40°    | 2019.2 | 2009.4 | 2019.2 | 2016.7 | 2019.2 | 2023.9 | 2019.2 | 2014.3 | 1999.7 | 2016.7 | 2002.2 |
| 42.5°  | 1917.4 | 1914.9 | 1917.4 | 1919.7 | 1919.7 | 1929.4 | 1936.7 | 1927.0 | 1922.1 | 1910.0 | 1919.7 |
| 45°    | 1808.2 | 1803.4 | 1808.2 | 1813.1 | 1815.5 | 1820.3 | 1842.2 | 1842.2 | 1834.9 | 1815.5 | 1830.1 |
| 47.5°  | 1691.9 | 1679.7 | 1691.9 | 1706.4 | 1706.4 | 1713.7 | 1735.5 | 1752.5 | 1740.4 | 1716.1 | 1723.4 |
| 50°    | 1568.3 | 1570.7 | 1568.3 | 1577.9 | 1577.9 | 1604.6 | 1621.6 | 1638.6 | 1650.7 | 1621.6 | 1587.7 |
| 52.5°  | 1447.1 | 1444.6 | 1447.1 | 1454.4 | 1464.0 | 1476.1 | 1505.3 | 1522.2 | 1541.6 | 1524.7 | 1471.3 |
| 55°    | 1325.8 | 1330.7 | 1325.8 | 1328.3 | 1333.2 | 1340.4 | 1384.1 | 1401.0 | 1437.4 | 1415.6 | 1359.8 |
| 57.5°  | 1204.6 | 1197.4 | 1204.6 | 1209.5 | 1212.0 | 1219.2 | 1255.5 | 1287.1 | 1308.9 | 1311.3 | 1243.5 |
| 60°    | 1064.1 | 1054.4 | 1064.1 | 1085.9 | 1090.8 | 1095.6 | 1129.6 | 1158.6 | 1178.0 | 1185.3 | 1115.0 |
| 62.5°  | 940.5  | 923.5  | 940.5  | 955.0  | 964.7  | 976.9  | 1001.0 | 1044.7 | 1061.7 | 1064.1 | 964.7  |
| 65°    | 809.6  | 802.3  | 809.6  | 838.7  | 841.1  | 855.7  | 882.3  | 913.8  | 950.1  | 945.4  | 802.3  |
| 67.5°  | 690.8  | 690.8  | 690.8  | 710.2  | 724.7  | 732.0  | 765.9  | 780.5  | 826.6  | 831.4  | 669.0  |
| 70°    | 581.7  | 579.3  | 581.7  | 596.3  | 605.9  | 622.9  | 654.5  | 671.5  | 707.8  | 719.9  | 542.9  |
| 72.5°  | 477.5  | 475.1  | 477.5  | 489.6  | 499.4  | 513.9  | 540.5  | 559.9  | 591.4  | 605.9  | 421.7  |
| 75°    | 385.4  | 380.6  | 385.4  | 395.1  | 392.7  | 412.1  | 433.9  | 453.2  | 482.4  | 492.0  | 312.7  |
| 77.5°  | 295.8  | 295.8  | 295.8  | 305.4  | 305.4  | 324.8  | 334.5  | 358.7  | 375.7  | 390.2  | 230.3  |
| 80°    | 220.6  | 218.1  | 220.6  | 223.0  | 223.0  | 232.7  | 249.6  | 266.6  | 281.2  | 281.2  | 157.6  |
| 82.5°  | 155.1  | 150.3  | 155.1  | 155.1  | 155.1  | 160.0  | 169.7  | 174.5  | 184.2  | 191.5  | 99.4   |
| 85°    | 96.9   | 96.9   | 96.9   | 99.4   | 96.9   | 101.8  | 104.2  | 109.1  | 109.1  | 104.2  | 60.6   |
| 87.5°  | 63.0   | 60.6   | 63.0   | 60.6   | 60.6   | 58.2   | 58.2   | 58.2   | 55.8   | 53.3   | 33.9   |
| 90°    | 28.2   | 28.2   | 28.2   | 28.2   | 28.2   | 37.5   | 50.0   | 56.3   | 48.4   | 32.6   | 20.7   |
| 92.5°  | 112.9  | 90.4   | 112.9  | 135.3  | 141.0  | 199.8  | 278.2  | 317.4  | 278.7  | 201.2  | 143.2  |
| 95°    | 393.5  | 325.6  | 393.5  | 461.4  | 478.4  | 628.2  | 828.0  | 927.9  | 783.7  | 495.2  | 278.9  |
| 97.5°  | 942.9  | 813.7  | 942.9  | 1072.1 | 1104.4 | 1199.1 | 1325.3 | 1388.5 | 1148.0 | 667.0  | 306.3  |
| 100°   | 1358.5 | 1204.5 | 1358.5 | 1512.3 | 1550.8 | 1543.9 | 1534.7 | 1530.1 | 1263.3 | 729.5  | 329.3  |
| 102.5° | 1767.2 | 1635.4 | 1767.2 | 1899.1 | 1932.1 | 1811.4 | 1650.5 | 1570.1 | 1299.5 | 758.3  | 352.3  |
| 105°   | 2288.5 | 2217.6 | 2288.5 | 2359.3 | 2377.1 | 2106.6 | 1746.0 | 1565.7 | 1303.7 | 779.5  | 386.4  |
| 107.5° | 2629.9 | 2647.1 | 2629.9 | 2612.8 | 2608.5 | 2231.3 | 1728.3 | 1476.7 | 1245.6 | 783.5  | 436.8  |
| 110°   | 2760.1 | 2834.0 | 2760.1 | 2686.3 | 2667.9 | 2246.1 | 1683.7 | 1402.5 | 1194.1 | 777.5  | 465.0  |

TEST NUMBER: P935790

CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-W2A-W-6-4000K

**CANDELA DISTRIBUTION (continued):**

|        | 80°    | 90°    | 100°   | 110°   | 112.5° | 120°   | 130°   | 135°   | 140°   | 150°   | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 2771.7 | 2885.2 | 2771.7 | 2658.3 | 2630.0 | 2198.3 | 1622.7 | 1335.0 | 1149.2 | 777.8  | 499.2  |
| 115°   | 2698.3 | 2855.4 | 2698.3 | 2541.1 | 2501.7 | 2085.9 | 1531.4 | 1254.2 | 1097.8 | 785.0  | 550.4  |
| 117.5° | 2542.4 | 2716.8 | 2542.4 | 2368.0 | 2324.5 | 1949.2 | 1448.7 | 1198.5 | 1065.5 | 799.5  | 600.0  |
| 120°   | 2416.8 | 2586.2 | 2416.8 | 2247.4 | 2205.0 | 1862.1 | 1404.9 | 1176.3 | 1054.6 | 811.4  | 629.0  |
| 122.5° | 2294.5 | 2461.6 | 2294.5 | 2127.4 | 2085.6 | 1776.9 | 1365.2 | 1159.3 | 1049.0 | 828.5  | 663.1  |
| 125°   | 2120.1 | 2274.0 | 2120.1 | 1966.2 | 1927.7 | 1665.3 | 1315.6 | 1140.7 | 1044.3 | 851.5  | 706.8  |
| 127.5° | 1963.2 | 2093.1 | 1963.2 | 1833.3 | 1800.8 | 1575.7 | 1275.3 | 1125.2 | 1041.6 | 874.5  | 749.1  |
| 130°   | 1870.7 | 1990.7 | 1870.7 | 1750.7 | 1720.7 | 1520.2 | 1252.9 | 1119.2 | 1043.1 | 891.2  | 777.3  |
| 132.5° | 1786.8 | 1894.2 | 1786.8 | 1679.3 | 1652.4 | 1473.0 | 1233.7 | 1114.0 | 1044.3 | 904.9  | 800.3  |
| 135°   | 1671.8 | 1764.5 | 1671.8 | 1579.2 | 1556.1 | 1405.8 | 1205.3 | 1105.1 | 1043.3 | 919.7  | 826.9  |
| 137.5° | 1579.6 | 1655.4 | 1579.6 | 1503.7 | 1484.8 | 1357.7 | 1188.3 | 1103.6 | 1049.7 | 941.9  | 861.1  |
| 140°   | 1516.3 | 1587.2 | 1516.3 | 1445.5 | 1427.7 | 1318.0 | 1171.6 | 1098.4 | 1050.8 | 955.5  | 884.0  |
| 142.5° | 1463.9 | 1524.9 | 1463.9 | 1403.0 | 1387.7 | 1291.3 | 1162.7 | 1098.4 | 1054.6 | 966.9  | 901.1  |
| 145°   | 1385.3 | 1431.4 | 1385.3 | 1339.2 | 1327.6 | 1248.8 | 1143.6 | 1091.0 | 1054.6 | 981.7  | 927.1  |
| 147.5° | 1325.1 | 1363.3 | 1325.1 | 1286.8 | 1277.2 | 1215.1 | 1132.3 | 1091.0 | 1061.9 | 1003.5 | 959.8  |
| 150°   | 1287.1 | 1318.0 | 1287.1 | 1256.0 | 1248.3 | 1195.9 | 1125.9 | 1091.0 | 1065.6 | 1014.9 | 976.8  |
| 152.5° | 1254.5 | 1277.9 | 1254.5 | 1231.1 | 1225.3 | 1180.5 | 1120.8 | 1091.0 | 1068.1 | 1022.3 | 987.9  |
| 155°   | 1217.2 | 1232.7 | 1217.2 | 1201.8 | 1197.9 | 1162.2 | 1114.8 | 1091.0 | 1073.5 | 1038.6 | 1012.4 |
| 157.5° | 1187.6 | 1198.5 | 1187.6 | 1176.8 | 1174.1 | 1146.4 | 1109.4 | 1091.0 | 1079.0 | 1054.9 | 1036.8 |
| 160°   | 1170.1 | 1176.3 | 1170.1 | 1163.8 | 1162.2 | 1138.5 | 1106.8 | 1091.0 | 1081.4 | 1062.3 | 1048.0 |
| 162.5° | 1158.5 | 1164.4 | 1158.5 | 1152.6 | 1151.1 | 1131.0 | 1104.4 | 1091.0 | 1084.1 | 1070.3 | 1059.9 |
| 165°   | 1141.9 | 1148.1 | 1141.9 | 1135.6 | 1134.1 | 1119.7 | 1100.5 | 1091.0 | 1087.8 | 1081.6 | 1077.0 |
| 167.5° | 1129.9 | 1132.5 | 1129.9 | 1127.3 | 1126.6 | 1117.3 | 1104.7 | 1098.4 | 1095.8 | 1090.5 | 1086.6 |
| 170°   | 1126.6 | 1126.6 | 1126.6 | 1126.6 | 1126.6 | 1117.3 | 1104.7 | 1098.4 | 1098.2 | 1098.0 | 1097.7 |
| 172.5° | 1117.8 | 1115.5 | 1117.8 | 1120.1 | 1120.7 | 1113.2 | 1103.4 | 1098.4 | 1098.4 | 1098.4 | 1098.4 |
| 175°   | 1112.6 | 1112.6 | 1112.6 | 1112.6 | 1112.6 | 1107.9 | 1101.6 | 1098.4 | 1100.0 | 1102.9 | 1105.1 |
| 177.5° | 1107.8 | 1105.1 | 1107.8 | 1110.4 | 1111.0 | 1107.3 | 1102.4 | 1099.9 | 1101.0 | 1103.4 | 1105.1 |
| 180°   | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 |

TEST NUMBER: P935790

CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-W2A-W-6-4000K

**CANDELA DISTRIBUTION (continued):**

|        | 160°   | 170°   | 180°   | 190°   | 200°   | 202.5° | 210°   | 220°   | 225°   | 230°   | 240°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 2562.1 | 2562.1 | 2562.1 | 2562.1 | 2562.1 | 2562.1 | 2562.1 | 2562.1 | 2562.1 | 2562.1 | 2562.1 |
| 2.5°   | 2598.5 | 2583.8 | 2583.8 | 2559.7 | 2549.9 | 2542.7 | 2530.6 | 2494.2 | 2484.5 | 2474.8 | 2489.3 |
| 5°     | 2620.2 | 2593.6 | 2574.2 | 2530.6 | 2494.2 | 2479.7 | 2433.6 | 2346.3 | 2288.2 | 2244.5 | 2220.3 |
| 7.5°   | 2625.1 | 2591.1 | 2554.8 | 2486.9 | 2399.6 | 2360.9 | 2220.3 | 2060.3 | 2016.7 | 1977.9 | 1953.6 |
| 10°    | 2620.2 | 2581.5 | 2530.6 | 2428.8 | 2222.8 | 2154.9 | 2014.3 | 1910.0 | 1883.4 | 1876.1 | 1883.4 |
| 12.5°  | 2603.2 | 2566.9 | 2496.7 | 2327.0 | 2038.5 | 1992.4 | 1910.0 | 1849.5 | 1844.6 | 1856.7 | 1922.1 |
| 15°    | 2574.2 | 2540.2 | 2457.9 | 2191.2 | 1936.7 | 1902.7 | 1844.6 | 1822.8 | 1849.5 | 1934.3 | 2130.6 |
| 17.5°  | 2545.1 | 2506.3 | 2404.5 | 2057.9 | 1859.1 | 1834.9 | 1793.7 | 1837.3 | 1987.6 | 2101.5 | 2167.0 |
| 20°    | 2506.3 | 2460.3 | 2344.0 | 1960.9 | 1803.4 | 1781.6 | 1762.2 | 1958.5 | 2072.4 | 2113.6 | 2150.0 |
| 22.5°  | 2460.3 | 2411.8 | 2261.5 | 1893.1 | 1745.2 | 1728.3 | 1740.4 | 2026.4 | 2072.4 | 2101.5 | 2133.0 |
| 25°    | 2399.6 | 2358.5 | 2164.5 | 1839.7 | 1699.1 | 1679.7 | 1725.8 | 2019.2 | 2045.8 | 2053.1 | 2116.1 |
| 27.5°  | 2344.0 | 2290.6 | 2062.7 | 1791.3 | 1643.4 | 1636.1 | 1737.9 | 1987.6 | 2007.0 | 2014.3 | 2082.1 |
| 30°    | 2276.1 | 2196.0 | 1948.8 | 1740.4 | 1585.2 | 1582.8 | 1740.4 | 1948.8 | 1944.0 | 1963.4 | 2031.2 |
| 32.5°  | 2205.8 | 2055.4 | 1820.3 | 1677.4 | 1529.5 | 1527.0 | 1723.4 | 1890.6 | 1885.8 | 1912.5 | 1963.4 |
| 35°    | 2140.3 | 1946.4 | 1645.8 | 1604.6 | 1459.1 | 1461.6 | 1682.2 | 1822.8 | 1825.2 | 1849.5 | 1881.0 |
| 37.5°  | 2072.4 | 1851.8 | 1454.4 | 1524.7 | 1391.3 | 1391.3 | 1626.5 | 1759.8 | 1754.9 | 1762.2 | 1805.8 |
| 40°    | 1992.4 | 1704.0 | 1284.7 | 1420.4 | 1328.3 | 1321.1 | 1558.6 | 1691.9 | 1674.9 | 1672.5 | 1733.1 |
| 42.5°  | 1907.6 | 1541.6 | 1158.6 | 1282.3 | 1255.5 | 1245.9 | 1476.1 | 1609.5 | 1577.9 | 1585.2 | 1662.8 |
| 45°    | 1815.5 | 1498.0 | 1061.7 | 1083.4 | 1180.5 | 1173.1 | 1386.5 | 1514.9 | 1493.1 | 1512.5 | 1592.5 |
| 47.5°  | 1723.4 | 1410.7 | 1030.2 | 899.2  | 1100.4 | 1098.1 | 1287.1 | 1422.9 | 1410.7 | 1430.1 | 1514.9 |
| 50°    | 1597.3 | 1313.8 | 1027.8 | 770.8  | 1010.8 | 1020.4 | 1168.3 | 1333.2 | 1333.2 | 1350.1 | 1439.8 |
| 52.5°  | 1435.0 | 1195.0 | 933.2  | 698.1  | 906.6  | 935.6  | 1064.1 | 1255.5 | 1260.4 | 1277.4 | 1357.3 |
| 55°    | 1287.1 | 1071.3 | 865.3  | 642.3  | 782.9  | 845.9  | 962.3  | 1175.6 | 1185.3 | 1202.2 | 1274.9 |
| 57.5°  | 1151.3 | 892.0  | 850.8  | 576.9  | 669.0  | 729.6  | 872.6  | 1098.1 | 1102.8 | 1117.4 | 1187.7 |
| 60°    | 1005.9 | 644.7  | 780.5  | 506.6  | 569.7  | 615.7  | 790.2  | 1005.9 | 1022.9 | 1032.5 | 1093.2 |
| 62.5°  | 841.1  | 467.9  | 707.8  | 458.1  | 521.1  | 530.8  | 722.4  | 918.6  | 940.5  | 947.7  | 984.1  |
| 65°    | 598.7  | 392.7  | 601.2  | 417.0  | 470.2  | 472.6  | 649.6  | 828.9  | 848.3  | 860.5  | 887.2  |
| 67.5°  | 404.8  | 319.9  | 458.1  | 378.1  | 431.5  | 433.9  | 579.3  | 724.7  | 751.4  | 761.1  | 778.0  |
| 70°    | 281.2  | 213.3  | 339.3  | 336.9  | 387.8  | 392.7  | 504.1  | 630.2  | 654.5  | 661.7  | 671.5  |
| 72.5°  | 206.0  | 172.1  | 281.2  | 303.0  | 341.8  | 346.7  | 426.6  | 523.5  | 547.8  | 555.0  | 559.9  |
| 75°    | 157.6  | 181.8  | 227.9  | 264.2  | 290.9  | 293.3  | 349.1  | 426.6  | 443.6  | 448.5  | 450.9  |
| 77.5°  | 126.1  | 169.7  | 167.2  | 213.3  | 237.5  | 232.7  | 273.9  | 329.7  | 344.2  | 344.2  | 344.2  |
| 80°    | 94.5   | 133.3  | 126.1  | 152.7  | 174.5  | 169.7  | 196.3  | 235.1  | 240.0  | 244.8  | 242.4  |
| 82.5°  | 70.3   | 84.8   | 84.8   | 96.9   | 116.3  | 111.5  | 130.9  | 152.7  | 152.7  | 152.7  | 157.6  |
| 85°    | 43.6   | 48.5   | 38.8   | 50.9   | 65.4   | 63.0   | 72.7   | 82.4   | 84.8   | 84.8   | 80.0   |
| 87.5°  | 26.6   | 21.8   | 12.1   | 19.4   | 29.1   | 29.1   | 33.9   | 36.4   | 33.9   | 33.9   | 33.9   |
| 90°    | 19.3   | 13.4   | 7.4    | 13.4   | 19.3   | 20.7   | 32.6   | 48.4   | 56.3   | 50.0   | 37.5   |
| 92.5°  | 130.5  | 80.1   | 29.7   | 80.1   | 130.5  | 143.2  | 201.2  | 278.7  | 317.4  | 278.2  | 199.8  |
| 95°    | 255.7  | 163.5  | 71.2   | 163.5  | 255.7  | 278.9  | 495.2  | 783.7  | 927.9  | 828.0  | 628.2  |
| 97.5°  | 285.9  | 204.5  | 123.1  | 204.5  | 285.9  | 306.3  | 667.0  | 1148.0 | 1388.5 | 1325.3 | 1199.1 |
| 100°   | 310.9  | 237.0  | 163.2  | 237.0  | 310.9  | 329.3  | 729.5  | 1263.3 | 1530.1 | 1534.7 | 1543.9 |
| 102.5° | 335.1  | 266.2  | 197.3  | 266.2  | 335.1  | 352.3  | 758.3  | 1299.5 | 1570.1 | 1650.5 | 1811.4 |
| 105°   | 371.8  | 313.5  | 255.2  | 313.5  | 371.8  | 386.4  | 779.5  | 1303.7 | 1565.7 | 1746.0 | 2106.6 |
| 107.5° | 423.3  | 368.8  | 314.5  | 368.8  | 423.3  | 436.8  | 783.5  | 1245.6 | 1476.7 | 1728.3 | 2231.3 |
| 110°   | 452.7  | 403.6  | 354.5  | 403.6  | 452.7  | 465.0  | 777.5  | 1194.1 | 1402.5 | 1683.7 | 2246.1 |

TEST NUMBER: P935790

CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-W2A-W-6-4000K

**CANDELA DISTRIBUTION (continued):**

|        | 160°   | 170°   | 180°   | 190°   | 200°   | 202.5° | 210°   | 220°   | 225°   | 230°   | 240°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 487.4  | 440.6  | 393.8  | 440.6  | 487.4  | 499.2  | 777.8  | 1149.2 | 1335.0 | 1622.7 | 2198.3 |
| 115°   | 539.6  | 496.3  | 453.1  | 496.3  | 539.6  | 550.4  | 785.0  | 1097.8 | 1254.2 | 1531.4 | 2085.9 |
| 117.5° | 590.2  | 551.0  | 511.8  | 551.0  | 590.2  | 600.0  | 799.5  | 1065.5 | 1198.5 | 1448.7 | 1949.2 |
| 120°   | 619.7  | 582.8  | 545.9  | 582.8  | 619.7  | 629.0  | 811.4  | 1054.6 | 1176.3 | 1404.9 | 1862.1 |
| 122.5° | 653.8  | 616.5  | 579.3  | 616.5  | 653.8  | 663.1  | 828.5  | 1049.0 | 1159.3 | 1365.2 | 1776.9 |
| 125°   | 698.3  | 664.4  | 630.4  | 664.4  | 698.3  | 706.8  | 851.5  | 1044.3 | 1140.7 | 1315.6 | 1665.3 |
| 127.5° | 740.5  | 706.2  | 671.9  | 706.2  | 740.5  | 749.1  | 874.5  | 1041.6 | 1125.2 | 1275.3 | 1575.7 |
| 130°   | 768.0  | 731.1  | 694.2  | 731.1  | 768.0  | 777.3  | 891.2  | 1043.1 | 1119.2 | 1252.9 | 1520.2 |
| 132.5° | 791.0  | 754.2  | 717.2  | 754.2  | 791.0  | 800.3  | 904.9  | 1044.3 | 1114.0 | 1233.7 | 1473.0 |
| 135°   | 818.5  | 784.9  | 751.3  | 784.9  | 818.5  | 826.9  | 919.7  | 1043.3 | 1105.1 | 1205.3 | 1405.8 |
| 137.5° | 852.8  | 819.5  | 786.2  | 819.5  | 852.8  | 861.1  | 941.9  | 1049.7 | 1103.6 | 1188.3 | 1357.7 |
| 140°   | 876.4  | 845.7  | 815.1  | 845.7  | 876.4  | 884.0  | 955.5  | 1050.8 | 1098.4 | 1171.6 | 1318.0 |
| 142.5° | 894.1  | 865.7  | 837.3  | 865.7  | 894.1  | 901.1  | 966.9  | 1054.6 | 1098.4 | 1162.7 | 1291.3 |
| 145°   | 920.9  | 896.2  | 871.4  | 896.2  | 920.9  | 927.1  | 981.7  | 1054.6 | 1091.0 | 1143.6 | 1248.8 |
| 147.5° | 953.8  | 929.7  | 905.6  | 929.7  | 953.8  | 959.8  | 1003.5 | 1061.9 | 1091.0 | 1132.3 | 1215.1 |
| 150°   | 971.3  | 949.7  | 927.9  | 949.7  | 971.3  | 976.8  | 1014.9 | 1065.6 | 1091.0 | 1125.9 | 1195.9 |
| 152.5° | 983.8  | 967.3  | 950.8  | 967.3  | 983.8  | 987.9  | 1022.3 | 1068.1 | 1091.0 | 1120.8 | 1180.5 |
| 155°   | 1009.3 | 997.2  | 985.0  | 997.2  | 1009.3 | 1012.4 | 1038.6 | 1073.5 | 1091.0 | 1114.8 | 1162.2 |
| 157.5° | 1033.9 | 1022.0 | 1010.2 | 1022.0 | 1033.9 | 1036.8 | 1054.9 | 1079.0 | 1091.0 | 1109.4 | 1146.4 |
| 160°   | 1045.7 | 1036.5 | 1027.2 | 1036.5 | 1045.7 | 1048.0 | 1062.3 | 1081.4 | 1091.0 | 1106.8 | 1138.5 |
| 162.5° | 1058.1 | 1051.2 | 1044.3 | 1051.2 | 1058.1 | 1059.9 | 1070.3 | 1084.1 | 1091.0 | 1104.4 | 1131.0 |
| 165°   | 1075.4 | 1069.1 | 1062.8 | 1069.1 | 1075.4 | 1077.0 | 1081.6 | 1087.8 | 1091.0 | 1100.5 | 1119.7 |
| 167.5° | 1085.8 | 1082.9 | 1079.9 | 1082.9 | 1085.8 | 1086.6 | 1090.5 | 1095.8 | 1098.4 | 1104.7 | 1117.3 |
| 170°   | 1096.9 | 1094.0 | 1091.0 | 1094.0 | 1096.9 | 1097.7 | 1098.0 | 1098.2 | 1098.4 | 1104.7 | 1117.3 |
| 172.5° | 1098.2 | 1097.6 | 1096.9 | 1097.6 | 1098.2 | 1098.4 | 1098.4 | 1098.4 | 1098.4 | 1103.4 | 1113.2 |
| 175°   | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1102.9 | 1100.0 | 1098.4 | 1101.6 | 1107.9 |
| 177.5° | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1103.4 | 1101.0 | 1099.9 | 1102.4 | 1107.3 |
| 180°   | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 |

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CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-W2A-W-6-4000K

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 260°   | 270°   | 280°   | 290°   | 292.5° | 300°   | 310°   | 315°   | 320°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 2562.1 | 2562.1 | 2562.1 | 2562.1 | 2562.1 | 2562.1 | 2562.1 | 2562.1 | 2562.1 | 2562.1 | 2562.1 |
| 2.5°   | 2472.4 | 2465.1 | 2474.8 | 2448.1 | 2474.8 | 2465.1 | 2472.4 | 2489.3 | 2474.8 | 2484.5 | 2494.2 |
| 5°     | 2169.4 | 2157.2 | 2118.5 | 2087.0 | 2118.5 | 2157.2 | 2169.4 | 2220.3 | 2244.5 | 2288.2 | 2346.3 |
| 7.5°   | 1939.1 | 1929.4 | 1919.7 | 1900.4 | 1919.7 | 1929.4 | 1939.1 | 1953.6 | 1977.9 | 2016.7 | 2060.3 |
| 10°    | 1888.2 | 1890.6 | 1905.2 | 1902.7 | 1905.2 | 1890.6 | 1888.2 | 1883.4 | 1876.1 | 1883.4 | 1910.0 |
| 12.5°  | 2019.2 | 2040.9 | 2121.0 | 2116.1 | 2121.0 | 2040.9 | 2019.2 | 1922.1 | 1856.7 | 1844.6 | 1849.5 |
| 15°    | 2169.4 | 2176.6 | 2193.6 | 2196.0 | 2193.6 | 2176.6 | 2169.4 | 2130.6 | 1934.3 | 1849.5 | 1822.8 |
| 17.5°  | 2183.9 | 2186.4 | 2198.5 | 2198.5 | 2198.5 | 2186.4 | 2183.9 | 2167.0 | 2101.5 | 1987.6 | 1837.3 |
| 20°    | 2171.9 | 2176.6 | 2200.9 | 2205.8 | 2200.9 | 2176.6 | 2171.9 | 2150.0 | 2113.6 | 2072.4 | 1958.5 |
| 22.5°  | 2167.0 | 2176.6 | 2196.0 | 2193.6 | 2196.0 | 2176.6 | 2167.0 | 2133.0 | 2101.5 | 2072.4 | 2026.4 |
| 25°    | 2142.7 | 2142.7 | 2145.1 | 2147.6 | 2145.1 | 2142.7 | 2142.7 | 2116.1 | 2053.1 | 2045.8 | 2019.2 |
| 27.5°  | 2091.8 | 2096.7 | 2111.2 | 2108.8 | 2111.2 | 2096.7 | 2091.8 | 2082.1 | 2014.3 | 2007.0 | 1987.6 |
| 30°    | 2045.8 | 2040.9 | 2028.8 | 2019.2 | 2028.8 | 2040.9 | 2045.8 | 2031.2 | 1963.4 | 1944.0 | 1948.8 |
| 32.5°  | 1968.3 | 1956.1 | 1944.0 | 1936.7 | 1944.0 | 1956.1 | 1968.3 | 1963.4 | 1912.5 | 1885.8 | 1890.6 |
| 35°    | 1876.1 | 1878.5 | 1876.1 | 1868.8 | 1876.1 | 1878.5 | 1876.1 | 1881.0 | 1849.5 | 1825.2 | 1822.8 |
| 37.5°  | 1810.7 | 1815.5 | 1813.1 | 1803.4 | 1813.1 | 1815.5 | 1810.7 | 1805.8 | 1762.2 | 1754.9 | 1759.8 |
| 40°    | 1742.8 | 1745.2 | 1742.8 | 1735.5 | 1742.8 | 1745.2 | 1742.8 | 1733.1 | 1672.5 | 1674.9 | 1691.9 |
| 42.5°  | 1677.4 | 1674.9 | 1667.6 | 1662.8 | 1667.6 | 1674.9 | 1677.4 | 1662.8 | 1585.2 | 1577.9 | 1609.5 |
| 45°    | 1602.2 | 1604.6 | 1590.1 | 1582.8 | 1590.1 | 1604.6 | 1602.2 | 1592.5 | 1512.5 | 1493.1 | 1514.9 |
| 47.5°  | 1527.0 | 1527.0 | 1514.9 | 1507.7 | 1514.9 | 1527.0 | 1527.0 | 1514.9 | 1430.1 | 1410.7 | 1422.9 |
| 50°    | 1447.1 | 1444.6 | 1427.7 | 1425.2 | 1427.7 | 1444.6 | 1447.1 | 1439.8 | 1350.1 | 1333.2 | 1333.2 |
| 52.5°  | 1355.0 | 1355.0 | 1357.3 | 1362.2 | 1357.3 | 1355.0 | 1355.0 | 1357.3 | 1277.4 | 1260.4 | 1255.5 |
| 55°    | 1274.9 | 1277.4 | 1294.4 | 1299.2 | 1294.4 | 1277.4 | 1274.9 | 1274.9 | 1202.2 | 1185.3 | 1175.6 |
| 57.5°  | 1192.6 | 1192.6 | 1204.6 | 1204.6 | 1204.6 | 1192.6 | 1192.6 | 1187.7 | 1117.4 | 1102.8 | 1098.1 |
| 60°    | 1098.1 | 1102.8 | 1112.6 | 1110.2 | 1112.6 | 1102.8 | 1098.1 | 1093.2 | 1032.5 | 1022.9 | 1005.9 |
| 62.5°  | 998.6  | 1003.5 | 1005.9 | 1001.0 | 1005.9 | 1003.5 | 998.6  | 984.1  | 947.7  | 940.5  | 918.6  |
| 65°    | 894.5  | 899.2  | 901.7  | 896.8  | 901.7  | 899.2  | 894.5  | 887.2  | 860.5  | 848.3  | 828.9  |
| 67.5°  | 787.8  | 785.3  | 782.9  | 792.6  | 782.9  | 785.3  | 787.8  | 778.0  | 761.1  | 751.4  | 724.7  |
| 70°    | 678.7  | 678.7  | 676.2  | 681.1  | 676.2  | 678.7  | 678.7  | 671.5  | 661.7  | 654.5  | 630.2  |
| 72.5°  | 562.3  | 559.9  | 569.7  | 562.3  | 569.7  | 559.9  | 562.3  | 559.9  | 555.0  | 547.8  | 523.5  |
| 75°    | 448.5  | 453.2  | 448.5  | 455.7  | 448.5  | 453.2  | 448.5  | 450.9  | 448.5  | 443.6  | 426.6  |
| 77.5°  | 341.8  | 346.7  | 341.8  | 341.8  | 341.8  | 346.7  | 341.8  | 344.2  | 344.2  | 344.2  | 329.7  |
| 80°    | 242.4  | 240.0  | 240.0  | 237.5  | 240.0  | 240.0  | 242.4  | 242.4  | 244.8  | 240.0  | 235.1  |
| 82.5°  | 155.1  | 152.7  | 152.7  | 157.6  | 152.7  | 152.7  | 155.1  | 157.6  | 152.7  | 152.7  | 152.7  |
| 85°    | 84.8   | 87.3   | 82.4   | 82.4   | 82.4   | 87.3   | 84.8   | 80.0   | 84.8   | 84.8   | 82.4   |
| 87.5°  | 31.5   | 29.1   | 29.1   | 29.1   | 29.1   | 29.1   | 31.5   | 33.9   | 33.9   | 33.9   | 36.4   |
| 90°    | 28.2   | 28.2   | 28.2   | 28.2   | 28.2   | 28.2   | 28.2   | 37.5   | 50.0   | 56.3   | 48.4   |
| 92.5°  | 141.0  | 135.3  | 112.9  | 90.4   | 112.9  | 135.3  | 141.0  | 199.8  | 278.2  | 317.4  | 278.7  |
| 95°    | 478.4  | 461.4  | 393.5  | 325.6  | 393.5  | 461.4  | 478.4  | 628.2  | 828.0  | 927.9  | 783.7  |
| 97.5°  | 1104.4 | 1072.1 | 942.9  | 813.7  | 942.9  | 1072.1 | 1104.4 | 1199.1 | 1325.3 | 1388.5 | 1148.0 |
| 100°   | 1550.8 | 1512.3 | 1358.5 | 1204.5 | 1358.5 | 1512.3 | 1550.8 | 1543.9 | 1534.7 | 1530.1 | 1263.3 |
| 102.5° | 1932.1 | 1899.1 | 1767.2 | 1635.4 | 1767.2 | 1899.1 | 1932.1 | 1811.4 | 1650.5 | 1570.1 | 1299.5 |
| 105°   | 2377.1 | 2359.3 | 2288.5 | 2217.6 | 2288.5 | 2359.3 | 2377.1 | 2106.6 | 1746.0 | 1565.7 | 1303.7 |
| 107.5° | 2608.5 | 2612.8 | 2629.9 | 2647.1 | 2629.9 | 2612.8 | 2608.5 | 2231.3 | 1728.3 | 1476.7 | 1245.6 |
| 110°   | 2667.9 | 2686.3 | 2760.1 | 2834.0 | 2760.1 | 2686.3 | 2667.9 | 2246.1 | 1683.7 | 1402.5 | 1194.1 |

TEST NUMBER: P935790

CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-W2A-W-6-4000K

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 260°   | 270°   | 280°   | 290°   | 292.5° | 300°   | 310°   | 315°   | 320°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 2630.0 | 2658.3 | 2771.7 | 2885.2 | 2771.7 | 2658.3 | 2630.0 | 2198.3 | 1622.7 | 1335.0 | 1149.2 |
| 115°   | 2501.7 | 2541.1 | 2698.3 | 2855.4 | 2698.3 | 2541.1 | 2501.7 | 2085.9 | 1531.4 | 1254.2 | 1097.8 |
| 117.5° | 2324.5 | 2368.0 | 2542.4 | 2716.8 | 2542.4 | 2368.0 | 2324.5 | 1949.2 | 1448.7 | 1198.5 | 1065.5 |
| 120°   | 2205.0 | 2247.4 | 2416.8 | 2586.2 | 2416.8 | 2247.4 | 2205.0 | 1862.1 | 1404.9 | 1176.3 | 1054.6 |
| 122.5° | 2085.6 | 2127.4 | 2294.5 | 2461.6 | 2294.5 | 2127.4 | 2085.6 | 1776.9 | 1365.2 | 1159.3 | 1049.0 |
| 125°   | 1927.7 | 1966.2 | 2120.1 | 2274.0 | 2120.1 | 1966.2 | 1927.7 | 1665.3 | 1315.6 | 1140.7 | 1044.3 |
| 127.5° | 1800.8 | 1833.3 | 1963.2 | 2093.1 | 1963.2 | 1833.3 | 1800.8 | 1575.7 | 1275.3 | 1125.2 | 1041.6 |
| 130°   | 1720.7 | 1750.7 | 1870.7 | 1990.7 | 1870.7 | 1750.7 | 1720.7 | 1520.2 | 1252.9 | 1119.2 | 1043.1 |
| 132.5° | 1652.4 | 1679.3 | 1786.8 | 1894.2 | 1786.8 | 1679.3 | 1652.4 | 1473.0 | 1233.7 | 1114.0 | 1044.3 |
| 135°   | 1556.1 | 1579.2 | 1671.8 | 1764.5 | 1671.8 | 1579.2 | 1556.1 | 1405.8 | 1205.3 | 1105.1 | 1043.3 |
| 137.5° | 1484.8 | 1503.7 | 1579.6 | 1655.4 | 1579.6 | 1503.7 | 1484.8 | 1357.7 | 1188.3 | 1103.6 | 1049.7 |
| 140°   | 1427.7 | 1445.5 | 1516.3 | 1587.2 | 1516.3 | 1445.5 | 1427.7 | 1318.0 | 1171.6 | 1098.4 | 1050.8 |
| 142.5° | 1387.7 | 1403.0 | 1463.9 | 1524.9 | 1463.9 | 1403.0 | 1387.7 | 1291.3 | 1162.7 | 1098.4 | 1054.6 |
| 145°   | 1327.6 | 1339.2 | 1385.3 | 1431.4 | 1385.3 | 1339.2 | 1327.6 | 1248.8 | 1143.6 | 1091.0 | 1054.6 |
| 147.5° | 1277.2 | 1286.8 | 1325.1 | 1363.3 | 1325.1 | 1286.8 | 1277.2 | 1215.1 | 1132.3 | 1091.0 | 1061.9 |
| 150°   | 1248.3 | 1256.0 | 1287.1 | 1318.0 | 1287.1 | 1256.0 | 1248.3 | 1195.9 | 1125.9 | 1091.0 | 1065.6 |
| 152.5° | 1225.3 | 1231.1 | 1254.5 | 1277.9 | 1254.5 | 1231.1 | 1225.3 | 1180.5 | 1120.8 | 1091.0 | 1068.1 |
| 155°   | 1197.9 | 1201.8 | 1217.2 | 1232.7 | 1217.2 | 1201.8 | 1197.9 | 1162.2 | 1114.8 | 1091.0 | 1073.5 |
| 157.5° | 1174.1 | 1176.8 | 1187.6 | 1198.5 | 1187.6 | 1176.8 | 1174.1 | 1146.4 | 1109.4 | 1091.0 | 1079.0 |
| 160°   | 1162.2 | 1163.8 | 1170.1 | 1176.3 | 1170.1 | 1163.8 | 1162.2 | 1138.5 | 1106.8 | 1091.0 | 1081.4 |
| 162.5° | 1151.1 | 1152.6 | 1158.5 | 1164.4 | 1158.5 | 1152.6 | 1151.1 | 1131.0 | 1104.4 | 1091.0 | 1084.1 |
| 165°   | 1134.1 | 1135.6 | 1141.9 | 1148.1 | 1141.9 | 1135.6 | 1134.1 | 1119.7 | 1100.5 | 1091.0 | 1087.8 |
| 167.5° | 1126.6 | 1127.3 | 1129.9 | 1132.5 | 1129.9 | 1127.3 | 1126.6 | 1117.3 | 1104.7 | 1098.4 | 1095.8 |
| 170°   | 1126.6 | 1126.6 | 1126.6 | 1126.6 | 1126.6 | 1126.6 | 1126.6 | 1117.3 | 1104.7 | 1098.4 | 1098.2 |
| 172.5° | 1120.7 | 1120.1 | 1117.8 | 1115.5 | 1117.8 | 1120.1 | 1120.7 | 1113.2 | 1103.4 | 1098.4 | 1098.4 |
| 175°   | 1112.6 | 1112.6 | 1112.6 | 1112.6 | 1112.6 | 1112.6 | 1112.6 | 1107.9 | 1101.6 | 1098.4 | 1100.0 |
| 177.5° | 1111.0 | 1110.4 | 1107.8 | 1105.1 | 1107.8 | 1110.4 | 1111.0 | 1107.3 | 1102.4 | 1099.9 | 1101.0 |
| 180°   | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 |

TEST NUMBER: P935790

CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-W2A-W-6-4000K

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 337.5° | 340°   | 350°   | 360°   |
|--------|--------|--------|--------|--------|--------|
| 0°     | 2562.1 | 2562.1 | 2562.1 | 2562.1 | 2562.1 |
| 2.5°   | 2530.6 | 2542.7 | 2549.9 | 2559.7 | 2583.8 |
| 5°     | 2433.6 | 2479.7 | 2494.2 | 2530.6 | 2574.2 |
| 7.5°   | 2220.3 | 2360.9 | 2399.6 | 2486.9 | 2554.8 |
| 10°    | 2014.3 | 2154.9 | 2222.8 | 2428.8 | 2530.6 |
| 12.5°  | 1910.0 | 1992.4 | 2038.5 | 2327.0 | 2496.7 |
| 15°    | 1844.6 | 1902.7 | 1936.7 | 2191.2 | 2457.9 |
| 17.5°  | 1793.7 | 1834.9 | 1859.1 | 2057.9 | 2404.5 |
| 20°    | 1762.2 | 1781.6 | 1803.4 | 1960.9 | 2344.0 |
| 22.5°  | 1740.4 | 1728.3 | 1745.2 | 1893.1 | 2261.5 |
| 25°    | 1725.8 | 1679.7 | 1699.1 | 1839.7 | 2164.5 |
| 27.5°  | 1737.9 | 1636.1 | 1643.4 | 1791.3 | 2062.7 |
| 30°    | 1740.4 | 1582.8 | 1585.2 | 1740.4 | 1948.8 |
| 32.5°  | 1723.4 | 1527.0 | 1529.5 | 1677.4 | 1820.3 |
| 35°    | 1682.2 | 1461.6 | 1459.1 | 1604.6 | 1645.8 |
| 37.5°  | 1626.5 | 1391.3 | 1391.3 | 1524.7 | 1454.4 |
| 40°    | 1558.6 | 1321.1 | 1328.3 | 1420.4 | 1284.7 |
| 42.5°  | 1476.1 | 1245.9 | 1255.5 | 1282.3 | 1158.6 |
| 45°    | 1386.5 | 1173.1 | 1180.5 | 1083.4 | 1061.7 |
| 47.5°  | 1287.1 | 1098.1 | 1100.4 | 899.2  | 1030.2 |
| 50°    | 1168.3 | 1020.4 | 1010.8 | 770.8  | 1027.8 |
| 52.5°  | 1064.1 | 935.6  | 906.6  | 698.1  | 933.2  |
| 55°    | 962.3  | 845.9  | 782.9  | 642.3  | 865.3  |
| 57.5°  | 872.6  | 729.6  | 669.0  | 576.9  | 850.8  |
| 60°    | 790.2  | 615.7  | 569.7  | 506.6  | 780.5  |
| 62.5°  | 722.4  | 530.8  | 521.1  | 458.1  | 707.8  |
| 65°    | 649.6  | 472.6  | 470.2  | 417.0  | 601.2  |
| 67.5°  | 579.3  | 433.9  | 431.5  | 378.1  | 458.1  |
| 70°    | 504.1  | 392.7  | 387.8  | 336.9  | 339.3  |
| 72.5°  | 426.6  | 346.7  | 341.8  | 303.0  | 281.2  |
| 75°    | 349.1  | 293.3  | 290.9  | 264.2  | 227.9  |
| 77.5°  | 273.9  | 232.7  | 237.5  | 213.3  | 167.2  |
| 80°    | 196.3  | 169.7  | 174.5  | 152.7  | 126.1  |
| 82.5°  | 130.9  | 111.5  | 116.3  | 96.9   | 84.8   |
| 85°    | 72.7   | 63.0   | 65.4   | 50.9   | 38.8   |
| 87.5°  | 33.9   | 29.1   | 29.1   | 19.4   | 12.1   |
| 90°    | 32.6   | 20.7   | 19.3   | 13.4   | 7.4    |
| 92.5°  | 201.2  | 143.2  | 130.5  | 80.1   | 29.7   |
| 95°    | 495.2  | 278.9  | 255.7  | 163.5  | 71.2   |
| 97.5°  | 667.0  | 306.3  | 285.9  | 204.5  | 123.1  |
| 100°   | 729.5  | 329.3  | 310.9  | 237.0  | 163.2  |
| 102.5° | 758.3  | 352.3  | 335.1  | 266.2  | 197.3  |
| 105°   | 779.5  | 386.4  | 371.8  | 313.5  | 255.2  |
| 107.5° | 783.5  | 436.8  | 423.3  | 368.8  | 314.5  |
| 110°   | 777.5  | 465.0  | 452.7  | 403.6  | 354.5  |



TEST NUMBER: P935790

CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-W2A-W-6-4000K

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 337.5° | 340°   | 350°   | 360°   |
|--------|--------|--------|--------|--------|--------|
| 112.5° | 777.8  | 499.2  | 487.4  | 440.6  | 393.8  |
| 115°   | 785.0  | 550.4  | 539.6  | 496.3  | 453.1  |
| 117.5° | 799.5  | 600.0  | 590.2  | 551.0  | 511.8  |
| 120°   | 811.4  | 629.0  | 619.7  | 582.8  | 545.9  |
| 122.5° | 828.5  | 663.1  | 653.8  | 616.5  | 579.3  |
| 125°   | 851.5  | 706.8  | 698.3  | 664.4  | 630.4  |
| 127.5° | 874.5  | 749.1  | 740.5  | 706.2  | 671.9  |
| 130°   | 891.2  | 777.3  | 768.0  | 731.1  | 694.2  |
| 132.5° | 904.9  | 800.3  | 791.0  | 754.2  | 717.2  |
| 135°   | 919.7  | 826.9  | 818.5  | 784.9  | 751.3  |
| 137.5° | 941.9  | 861.1  | 852.8  | 819.5  | 786.2  |
| 140°   | 955.5  | 884.0  | 876.4  | 845.7  | 815.1  |
| 142.5° | 966.9  | 901.1  | 894.1  | 865.7  | 837.3  |
| 145°   | 981.7  | 927.1  | 920.9  | 896.2  | 871.4  |
| 147.5° | 1003.5 | 959.8  | 953.8  | 929.7  | 905.6  |
| 150°   | 1014.9 | 976.8  | 971.3  | 949.7  | 927.9  |
| 152.5° | 1022.3 | 987.9  | 983.8  | 967.3  | 950.8  |
| 155°   | 1038.6 | 1012.4 | 1009.3 | 997.2  | 985.0  |
| 157.5° | 1054.9 | 1036.8 | 1033.9 | 1022.0 | 1010.2 |
| 160°   | 1062.3 | 1048.0 | 1045.7 | 1036.5 | 1027.2 |
| 162.5° | 1070.3 | 1059.9 | 1058.1 | 1051.2 | 1044.3 |
| 165°   | 1081.6 | 1077.0 | 1075.4 | 1069.1 | 1062.8 |
| 167.5° | 1090.5 | 1086.6 | 1085.8 | 1082.9 | 1079.9 |
| 170°   | 1098.0 | 1097.7 | 1096.9 | 1094.0 | 1091.0 |
| 172.5° | 1098.4 | 1098.4 | 1098.2 | 1097.6 | 1096.9 |
| 175°   | 1102.9 | 1105.1 | 1105.1 | 1105.1 | 1105.1 |
| 177.5° | 1103.4 | 1105.1 | 1105.1 | 1105.1 | 1105.1 |
| 180°   | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 |

TEST NUMBER: P935790

CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-W2A-W-6-4000K

**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 | 14.23            | 15.07 | 15.20 | 16.06 | 17.36 | 17.05          | 17.90 | 18.02 | 18.88 | 20.18 |
|                 | 3H   | 14.70            | 15.46 | 15.69 | 16.46 | 17.77 | 18.39          | 19.15 | 19.38 | 20.15 | 21.47 |
|                 | 4H   | 14.89            | 15.61 | 15.89 | 16.61 | 17.94 | 18.84          | 19.55 | 19.83 | 20.55 | 21.88 |
|                 | 6H   | 15.01            | 15.67 | 16.02 | 16.68 | 18.02 | 19.12          | 19.78 | 20.13 | 20.78 | 22.12 |
|                 | 8H   | 15.01            | 15.64 | 16.03 | 16.66 | 18.00 | 19.19          | 19.82 | 20.21 | 20.84 | 22.18 |
|                 | 12H  | 14.98            | 15.58 | 16.00 | 16.59 | 17.96 | 19.23          | 19.83 | 20.25 | 20.84 | 22.20 |
| 4H              | 2H   | 15.26            | 15.97 | 16.26 | 16.97 | 18.30 | 17.46          | 18.18 | 18.46 | 19.17 | 20.50 |
|                 | 3H   | 16.28            | 16.88 | 17.29 | 17.91 | 19.25 | 18.96          | 19.56 | 19.97 | 20.59 | 21.93 |
|                 | 4H   | 16.56            | 17.10 | 17.58 | 18.12 | 19.49 | 19.49          | 20.03 | 20.51 | 21.05 | 22.42 |
|                 | 6H   | 16.68            | 17.15 | 17.71 | 18.20 | 19.56 | 19.85          | 20.32 | 20.88 | 21.36 | 22.73 |
|                 | 8H   | 16.69            | 17.13 | 17.72 | 18.16 | 19.54 | 19.96          | 20.39 | 20.99 | 21.43 | 22.81 |
|                 | 12H  | 16.65            | 17.05 | 17.70 | 18.10 | 19.48 | 20.01          | 20.41 | 21.06 | 21.46 | 22.84 |
| 8H              | 4H   | 17.01            | 17.45 | 18.04 | 18.48 | 19.86 | 19.61          | 20.05 | 20.64 | 21.09 | 22.46 |
|                 | 6H   | 17.27            | 17.63 | 18.33 | 18.71 | 20.08 | 20.05          | 20.41 | 21.10 | 21.49 | 22.86 |
|                 | 8H   | 17.31            | 17.63 | 18.38 | 18.69 | 20.09 | 20.20          | 20.51 | 21.26 | 21.58 | 22.97 |
|                 | 12H  | 17.29            | 17.58 | 18.36 | 18.63 | 20.07 | 20.29          | 20.57 | 21.36 | 21.63 | 23.07 |
| 12H             | 4H   | 17.01            | 17.41 | 18.06 | 18.46 | 19.84 | 19.57          | 19.97 | 20.63 | 21.02 | 22.40 |
|                 | 6H   | 17.33            | 17.65 | 18.39 | 18.71 | 20.11 | 20.04          | 20.36 | 21.11 | 21.42 | 22.82 |
|                 | 8H   | 17.40            | 17.68 | 18.46 | 18.73 | 20.17 | 20.20          | 20.48 | 21.27 | 21.54 | 22.98 |

END OF REPORT