

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: P935494

Luminaire Tested: SQ4-FA-125U-050D-B2750-1D-UNV-W2A-W-8-3500K

Issue Date: 12/17/2024

**Test Information**

Test Method: LM-79-2019  
Report Number: P935494  
REPORT IS A COMBINATION OF REPORTS P933756 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-125U-050D-B2750-1D-UNV-W2A-W-8-3500K  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

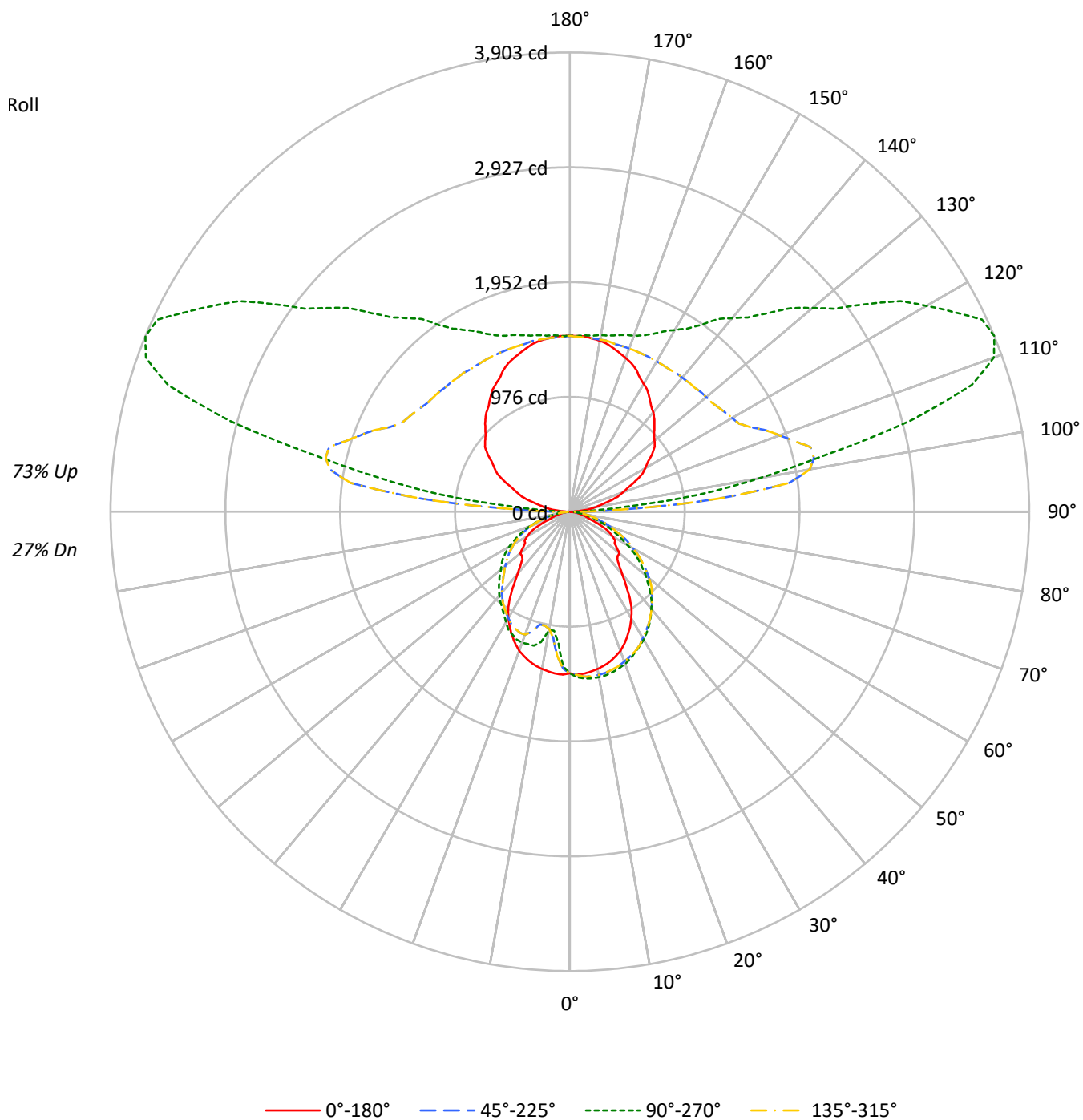
Lumens per Lamp: N/A  
Luminaire Lumens: 13259.8 lumens  
Efficiency: N/A  
Efficacy: 139.3 lumens/watt  
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36  
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 8' x H: 0.1')  
CIE Type: Semi-Indirect

Input Watts (W): 95.2  
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: P935494

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-W2A-W-8-3500K

### Luminous Intensity Polar Plot



TEST NUMBER: P935494

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-W2A-W-8-3500K

**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 | 50 | 30 | 10 |
| RCR |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 0   | 102 | 102 | 102 | 102 | 91 | 91 | 91 | 91 | 71 | 71 | 71 | 52 | 52 | 52 | 35 | 35 | 35 |    |    | 27 |
| 1   | 93  | 88  | 85  | 81  | 83 | 79 | 76 | 73 | 62 | 60 | 58 | 46 | 44 | 43 | 31 | 30 | 29 |    |    | 23 |
| 2   | 84  | 77  | 71  | 66  | 75 | 69 | 64 | 60 | 54 | 51 | 48 | 40 | 38 | 36 | 27 | 26 | 25 |    |    | 19 |
| 3   | 77  | 68  | 61  | 55  | 68 | 61 | 55 | 50 | 48 | 43 | 40 | 35 | 33 | 30 | 24 | 22 | 21 |    |    | 16 |
| 4   | 70  | 60  | 52  | 47  | 62 | 54 | 47 | 42 | 42 | 38 | 34 | 31 | 28 | 26 | 21 | 20 | 18 |    |    | 14 |
| 5   | 64  | 53  | 45  | 40  | 57 | 48 | 41 | 36 | 38 | 33 | 29 | 28 | 25 | 22 | 19 | 17 | 16 |    |    | 12 |
| 6   | 59  | 48  | 40  | 34  | 53 | 43 | 36 | 31 | 34 | 29 | 25 | 25 | 22 | 19 | 17 | 15 | 14 |    |    | 10 |
| 7   | 55  | 43  | 35  | 30  | 49 | 38 | 32 | 27 | 30 | 26 | 22 | 23 | 20 | 17 | 16 | 14 | 12 |    |    | 9  |
| 8   | 50  | 39  | 31  | 26  | 45 | 35 | 28 | 24 | 28 | 23 | 19 | 21 | 18 | 15 | 15 | 12 | 11 |    |    | 8  |
| 9   | 47  | 35  | 28  | 23  | 42 | 32 | 25 | 21 | 25 | 21 | 17 | 19 | 16 | 14 | 13 | 11 | 10 |    |    | 7  |
| 10  | 44  | 32  | 25  | 20  | 39 | 29 | 23 | 19 | 23 | 19 | 15 | 18 | 14 | 12 | 12 | 10 | 9  |    |    | 7  |

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

|     | 0°   | 90°  | 180° | 270° |
|-----|------|------|------|------|
| 0°  | 6374 | 6374 | 6374 | 6374 |
| 5°  | 6422 | 6434 | 6422 | 5059 |
| 10° | 6379 | 6338 | 6379 | 4531 |
| 15° | 6309 | 6201 | 6309 | 5177 |
| 20° | 6177 | 6038 | 6177 | 5189 |
| 25° | 5907 | 5801 | 5907 | 5079 |
| 30° | 5558 | 5604 | 5558 | 4837 |
| 35° | 4955 | 5355 | 4955 | 4571 |
| 40° | 4129 | 5061 | 4129 | 4371 |
| 45° | 3689 | 4718 | 3689 | 4141 |
| 50° | 3919 | 4309 | 3919 | 3910 |
| 55° | 3687 | 3868 | 3687 | 3775 |
| 60° | 3801 | 3285 | 3801 | 3458 |
| 65° | 3446 | 2715 | 3446 | 3035 |
| 70° | 2387 | 2164 | 2387 | 2544 |
| 75° | 2093 | 1600 | 2093 | 1916 |
| 80° | 1684 | 1058 | 1684 | 1151 |
| 85° | 969  | 560  | 969  | 476  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°

Vertical Angle: 45°

Luminance: 5654 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 124.0   | 0.9       |
| 10°-20°   | 352.1   | 2.7       |
| 20°-30°   | 544.3   | 4.1       |
| 30°-40°   | 649.8   | 4.9       |
| 40°-50°   | 653.6   | 4.9       |
| 50°-60°   | 568.7   | 4.3       |
| 60°-70°   | 403.2   | 3.0       |
| 70°-80°   | 213.3   | 1.6       |
| 80°-90°   | 58.8    | 0.4       |
| 90°-100°  | 728.8   | 5.5       |
| 100°-110° | 1916.0  | 14.4      |
| 110°-120° | 1986.7  | 15.0      |
| 120°-130° | 1593.6  | 12.0      |
| 130°-140° | 1250.4  | 9.4       |
| 140°-150° | 959.7   | 7.2       |
| 150°-160° | 691.2   | 5.2       |
| 160°-170° | 422.9   | 3.2       |
| 170°-180° | 142.9   | 1.1       |
| 0°-30°    | 1020.4  | 7.7       |
| 0°-40°    | 1670.1  | 12.6      |
| 0°-60°    | 2892.4  | 21.8      |
| 0°-90°    | 3567.7  | 26.9      |
| 90°-120°  | 4631.5  | 34.9      |
| 90°-150°  | 8435.1  | 63.6      |
| 90°-180°  | 9692.0  | 73.1      |
| 0°-180°   | 13259.8 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1374 | 1374 | 1374 | 1374 | 1374 |      |
| 5°   | 1380 | 1423 | 1380 | 1119 | 1380 | 131  |
| 15°  | 1318 | 1410 | 1318 | 1178 | 1318 | 371  |
| 25°  | 1161 | 1315 | 1161 | 1152 | 1161 | 533  |
| 35°  | 882  | 1174 | 882  | 1002 | 882  | 546  |
| 45°  | 569  | 967  | 569  | 849  | 569  | 456  |
| 55°  | 464  | 714  | 464  | 697  | 464  | 426  |
| 65°  | 322  | 430  | 322  | 481  | 322  | 308  |
| 75°  | 122  | 204  | 122  | 244  | 122  | 128  |
| 85°  | 21   | 52   | 21   | 44   | 21   | 28   |
| 90°  | 10   | 38   | 10   | 38   | 10   | 9    |
| 95°  | 96   | 440  | 96   | 440  | 96   | 107  |
| 105° | 345  | 3000 | 345  | 3000 | 345  | 366  |
| 115° | 613  | 3863 | 613  | 3863 | 613  | 606  |
| 125° | 853  | 3076 | 853  | 3076 | 853  | 757  |
| 135° | 1016 | 2387 | 1016 | 2387 | 1016 | 786  |
| 145° | 1179 | 1936 | 1179 | 1936 | 1179 | 739  |
| 155° | 1333 | 1668 | 1333 | 1668 | 1333 | 612  |
| 165° | 1438 | 1553 | 1438 | 1553 | 1438 | 406  |
| 175° | 1495 | 1505 | 1495 | 1505 | 1495 | 142  |
| 180° | 1495 | 1495 | 1495 | 1495 | 1495 |      |

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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 10°    | 20°    | 22.5°  | 30°    | 40°    | 45°    | 50°    | 60°    | 67.5°  | 70°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1373.8 | 1373.8 | 1373.8 | 1373.8 | 1373.8 | 1373.8 | 1373.8 | 1373.8 | 1373.8 | 1373.8 | 1373.8 |
| 2.5°   | 1385.5 | 1385.5 | 1393.3 | 1395.9 | 1395.9 | 1392.0 | 1388.1 | 1392.0 | 1403.7 | 1407.6 | 1406.3 |
| 5°     | 1380.3 | 1390.7 | 1405.0 | 1407.6 | 1410.2 | 1408.9 | 1406.3 | 1408.9 | 1421.9 | 1424.5 | 1425.8 |
| 7.5°   | 1369.9 | 1389.4 | 1407.6 | 1411.5 | 1415.4 | 1411.5 | 1410.2 | 1412.8 | 1425.8 | 1428.4 | 1428.4 |
| 10°    | 1356.9 | 1384.2 | 1405.0 | 1407.6 | 1411.5 | 1407.6 | 1407.6 | 1412.8 | 1425.8 | 1428.4 | 1429.7 |
| 12.5°  | 1338.7 | 1376.4 | 1395.9 | 1398.5 | 1403.7 | 1402.4 | 1401.1 | 1406.3 | 1419.3 | 1421.9 | 1421.9 |
| 15°    | 1317.9 | 1362.1 | 1380.3 | 1382.9 | 1392.0 | 1389.4 | 1389.4 | 1394.6 | 1408.9 | 1412.8 | 1411.5 |
| 17.5°  | 1289.4 | 1343.9 | 1364.7 | 1368.6 | 1375.1 | 1373.8 | 1375.1 | 1380.3 | 1393.3 | 1395.9 | 1397.2 |
| 20°    | 1256.8 | 1319.2 | 1343.9 | 1347.8 | 1354.3 | 1354.3 | 1354.3 | 1360.8 | 1373.8 | 1379.0 | 1379.0 |
| 22.5°  | 1212.6 | 1293.2 | 1319.2 | 1321.8 | 1329.7 | 1329.7 | 1332.2 | 1341.3 | 1353.0 | 1354.3 | 1354.3 |
| 25°    | 1160.7 | 1264.6 | 1286.7 | 1294.5 | 1302.3 | 1306.2 | 1310.1 | 1315.3 | 1319.2 | 1317.9 | 1319.2 |
| 27.5°  | 1106.1 | 1228.2 | 1256.8 | 1262.0 | 1272.4 | 1276.4 | 1281.5 | 1282.9 | 1284.1 | 1288.0 | 1285.5 |
| 30°    | 1045.0 | 1177.5 | 1220.5 | 1225.7 | 1242.5 | 1245.2 | 1239.9 | 1242.5 | 1249.0 | 1251.7 | 1254.3 |
| 32.5°  | 976.1  | 1102.1 | 1182.8 | 1194.5 | 1210.1 | 1202.2 | 1201.0 | 1204.9 | 1215.2 | 1215.2 | 1217.8 |
| 35°    | 882.5  | 1043.7 | 1147.7 | 1158.1 | 1169.8 | 1160.7 | 1165.9 | 1167.2 | 1173.7 | 1177.5 | 1176.3 |
| 37.5°  | 779.9  | 993.0  | 1111.2 | 1119.1 | 1128.2 | 1116.5 | 1124.2 | 1128.2 | 1133.3 | 1130.7 | 1130.7 |
| 40°    | 688.9  | 913.7  | 1068.4 | 1073.6 | 1081.4 | 1072.3 | 1080.0 | 1082.7 | 1085.3 | 1082.7 | 1081.4 |
| 42.5°  | 621.2  | 826.7  | 1022.9 | 1029.4 | 1024.1 | 1030.7 | 1033.2 | 1038.5 | 1034.6 | 1029.4 | 1029.4 |
| 45°    | 569.3  | 803.2  | 973.5  | 981.3  | 973.5  | 983.9  | 987.8  | 987.8  | 976.1  | 973.5  | 972.2  |
| 47.5°  | 552.4  | 756.4  | 924.1  | 924.1  | 920.2  | 933.2  | 939.7  | 930.6  | 918.9  | 915.0  | 915.0  |
| 50°    | 551.1  | 704.5  | 856.5  | 851.4  | 869.5  | 885.1  | 878.6  | 869.5  | 860.4  | 846.1  | 846.1  |
| 52.5°  | 500.4  | 640.8  | 769.5  | 789.0  | 817.5  | 826.7  | 816.2  | 807.2  | 791.6  | 785.0  | 779.9  |
| 55°    | 464.0  | 574.5  | 690.1  | 729.2  | 759.0  | 770.7  | 751.3  | 742.2  | 718.7  | 714.8  | 712.2  |
| 57.5°  | 456.2  | 478.3  | 617.3  | 666.8  | 703.1  | 701.8  | 690.1  | 673.3  | 653.8  | 649.9  | 648.6  |
| 60°    | 418.5  | 345.7  | 539.3  | 597.9  | 635.6  | 631.7  | 621.2  | 605.6  | 587.5  | 584.9  | 582.3  |
| 62.5°  | 379.6  | 250.9  | 451.0  | 517.3  | 570.5  | 569.3  | 560.2  | 536.8  | 523.7  | 517.3  | 512.1  |
| 65°    | 322.3  | 210.6  | 321.0  | 430.2  | 506.9  | 509.5  | 490.0  | 473.1  | 458.8  | 451.0  | 449.7  |
| 67.5°  | 245.6  | 171.6  | 217.1  | 358.7  | 445.8  | 443.2  | 418.5  | 410.8  | 392.5  | 388.7  | 380.8  |
| 70°    | 182.0  | 114.3  | 150.8  | 291.2  | 386.0  | 379.6  | 360.0  | 351.0  | 334.0  | 324.9  | 319.8  |
| 72.5°  | 150.8  | 92.2   | 110.5  | 226.2  | 324.9  | 317.2  | 300.2  | 289.8  | 275.6  | 267.7  | 262.5  |
| 75°    | 122.2  | 97.5   | 84.5   | 167.6  | 263.9  | 258.6  | 243.0  | 232.7  | 220.9  | 210.6  | 211.8  |
| 77.5°  | 89.7   | 91.0   | 67.5   | 123.5  | 209.3  | 201.5  | 192.3  | 179.4  | 174.1  | 163.8  | 163.8  |
| 80°    | 67.5   | 71.5   | 50.7   | 84.5   | 150.8  | 150.8  | 142.9  | 133.9  | 124.8  | 119.6  | 119.6  |
| 82.5°  | 45.4   | 45.4   | 37.7   | 53.3   | 102.7  | 98.7   | 93.6   | 91.0   | 85.8   | 83.1   | 83.1   |
| 85°    | 20.8   | 26.0   | 23.4   | 32.5   | 55.9   | 58.5   | 58.5   | 55.9   | 54.6   | 52.0   | 53.3   |
| 87.5°  | 6.5    | 11.7   | 14.3   | 18.2   | 28.6   | 29.9   | 31.2   | 31.2   | 31.2   | 32.5   | 32.5   |
| 90°    | 10.1   | 18.1   | 26.1   | 28.1   | 44.2   | 65.6   | 76.3   | 67.7   | 50.8   | 38.1   | 38.1   |
| 92.5°  | 40.1   | 108.3  | 176.6  | 193.7  | 272.3  | 377.0  | 429.5  | 376.4  | 270.3  | 190.6  | 183.0  |
| 95°    | 96.3   | 221.2  | 346.1  | 377.3  | 670.0  | 1060.2 | 1255.2 | 1120.2 | 849.9  | 647.2  | 624.2  |
| 97.5°  | 166.6  | 276.7  | 386.9  | 414.4  | 902.4  | 1553.1 | 1878.4 | 1793.0 | 1622.2 | 1494.1 | 1450.4 |
| 100°   | 220.7  | 320.6  | 420.5  | 445.5  | 987.0  | 1709.0 | 2070.1 | 2076.3 | 2088.8 | 2098.2 | 2046.1 |
| 102.5° | 266.9  | 360.1  | 453.3  | 476.7  | 1025.9 | 1758.2 | 2124.2 | 2233.1 | 2450.7 | 2613.9 | 2569.3 |
| 105°   | 345.2  | 424.1  | 503.0  | 522.8  | 1054.6 | 1763.7 | 2118.2 | 2362.1 | 2850.0 | 3215.9 | 3192.0 |
| 107.5° | 425.5  | 499.0  | 572.6  | 591.0  | 1059.9 | 1685.2 | 1997.8 | 2338.1 | 3018.6 | 3529.0 | 3534.8 |
| 110°   | 479.7  | 546.1  | 612.6  | 629.2  | 1051.9 | 1615.6 | 1897.5 | 2277.9 | 3038.7 | 3609.2 | 3634.2 |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 10°    | 20°    | 22.5°  | 30°    | 40°    | 45°    | 50°    | 60°    | 67.5°  | 70°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 532.9  | 596.1  | 659.5  | 675.3  | 1052.2 | 1554.9 | 1806.1 | 2195.5 | 2974.1 | 3558.1 | 3596.4 |
| 115°   | 613.1  | 671.5  | 729.9  | 744.5  | 1061.9 | 1485.2 | 1696.8 | 2071.8 | 2821.9 | 3384.5 | 3437.7 |
| 117.5° | 692.4  | 745.5  | 798.5  | 811.7  | 1081.7 | 1441.6 | 1621.5 | 1960.0 | 2636.9 | 3144.7 | 3203.7 |
| 120°   | 738.5  | 788.5  | 838.4  | 850.9  | 1097.7 | 1426.9 | 1591.4 | 1900.7 | 2519.2 | 2983.2 | 3040.4 |
| 122.5° | 783.6  | 834.0  | 884.4  | 897.0  | 1120.7 | 1419.1 | 1568.3 | 1846.8 | 2403.9 | 2821.6 | 2878.1 |
| 125°   | 852.9  | 898.8  | 944.8  | 956.2  | 1151.9 | 1412.8 | 1543.2 | 1779.9 | 2253.0 | 2607.9 | 2659.9 |
| 127.5° | 909.1  | 955.5  | 1001.8 | 1013.5 | 1183.1 | 1409.1 | 1522.2 | 1725.3 | 2131.6 | 2436.3 | 2480.2 |
| 130°   | 939.2  | 989.2  | 1039.1 | 1051.6 | 1205.7 | 1411.3 | 1514.2 | 1695.0 | 2056.7 | 2327.9 | 2368.5 |
| 132.5° | 970.3  | 1020.3 | 1070.2 | 1082.7 | 1224.1 | 1412.8 | 1507.1 | 1669.0 | 1992.7 | 2235.6 | 2271.9 |
| 135°   | 1016.5 | 1061.9 | 1107.5 | 1118.8 | 1244.2 | 1411.4 | 1495.1 | 1630.6 | 1901.8 | 2105.2 | 2136.5 |
| 137.5° | 1063.6 | 1108.6 | 1153.7 | 1164.9 | 1274.3 | 1420.2 | 1493.0 | 1607.7 | 1836.9 | 2008.8 | 2034.5 |
| 140°   | 1102.7 | 1144.2 | 1185.7 | 1196.0 | 1292.7 | 1421.6 | 1486.1 | 1585.1 | 1783.1 | 1931.6 | 1955.5 |
| 142.5° | 1132.9 | 1171.2 | 1209.5 | 1219.1 | 1308.1 | 1426.8 | 1486.1 | 1573.0 | 1746.9 | 1877.3 | 1898.0 |
| 145°   | 1179.0 | 1212.4 | 1245.9 | 1254.3 | 1328.2 | 1426.8 | 1476.0 | 1547.1 | 1689.5 | 1796.1 | 1811.7 |
| 147.5° | 1225.2 | 1257.8 | 1290.3 | 1298.5 | 1357.7 | 1436.5 | 1476.0 | 1532.0 | 1643.9 | 1727.9 | 1740.8 |
| 150°   | 1255.2 | 1284.7 | 1314.2 | 1321.5 | 1373.0 | 1441.7 | 1476.0 | 1523.3 | 1617.8 | 1688.8 | 1699.2 |
| 152.5° | 1286.3 | 1308.6 | 1330.9 | 1336.5 | 1383.1 | 1445.0 | 1476.0 | 1516.4 | 1597.1 | 1657.7 | 1665.6 |
| 155°   | 1332.6 | 1349.0 | 1365.5 | 1369.7 | 1405.1 | 1452.3 | 1476.0 | 1508.2 | 1572.4 | 1620.6 | 1625.8 |
| 157.5° | 1366.7 | 1382.7 | 1398.8 | 1402.7 | 1427.1 | 1459.7 | 1476.0 | 1501.0 | 1550.9 | 1588.4 | 1592.1 |
| 160°   | 1389.7 | 1402.2 | 1414.7 | 1417.8 | 1437.2 | 1463.1 | 1476.0 | 1497.4 | 1540.2 | 1572.3 | 1574.4 |
| 162.5° | 1412.8 | 1422.1 | 1431.5 | 1433.8 | 1447.9 | 1466.6 | 1476.0 | 1494.0 | 1530.1 | 1557.3 | 1559.3 |
| 165°   | 1437.9 | 1446.4 | 1454.9 | 1457.0 | 1463.3 | 1471.7 | 1476.0 | 1489.0 | 1514.8 | 1534.2 | 1536.3 |
| 167.5° | 1461.0 | 1464.9 | 1469.0 | 1470.0 | 1475.3 | 1482.5 | 1486.1 | 1494.5 | 1511.4 | 1524.1 | 1525.0 |
| 170°   | 1476.0 | 1480.1 | 1484.1 | 1485.1 | 1485.4 | 1485.9 | 1486.1 | 1494.5 | 1511.4 | 1524.1 | 1524.1 |
| 172.5° | 1484.0 | 1484.9 | 1485.9 | 1486.1 | 1486.1 | 1486.1 | 1486.1 | 1492.7 | 1506.1 | 1516.2 | 1515.4 |
| 175°   | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1492.1 | 1488.1 | 1486.1 | 1490.3 | 1498.8 | 1505.1 | 1505.1 |
| 177.5° | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1492.7 | 1489.6 | 1488.1 | 1491.4 | 1498.1 | 1503.1 | 1502.2 |
| 180°   | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1495.1 |

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CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-W2A-W-8-3500K

**CANDELA DISTRIBUTION (continued):**

|        | 80°    | 90°    | 100°   | 110°   | 112.5° | 120°   | 130°   | 135°   | 140°   | 150°   | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1373.8 | 1373.8 | 1373.8 | 1373.8 | 1373.8 | 1373.8 | 1373.8 | 1373.8 | 1373.8 | 1373.8 | 1373.8 |
| 2.5°   | 1408.9 | 1405.0 | 1408.9 | 1406.3 | 1407.6 | 1403.7 | 1392.0 | 1388.1 | 1392.0 | 1395.9 | 1395.9 |
| 5°     | 1425.8 | 1423.2 | 1425.8 | 1425.8 | 1424.5 | 1421.9 | 1408.9 | 1406.3 | 1408.9 | 1410.2 | 1407.6 |
| 7.5°   | 1431.0 | 1427.1 | 1431.0 | 1428.4 | 1428.4 | 1425.8 | 1412.8 | 1410.2 | 1411.5 | 1415.4 | 1411.5 |
| 10°    | 1431.0 | 1427.1 | 1431.0 | 1429.7 | 1428.4 | 1425.8 | 1412.8 | 1407.6 | 1407.6 | 1411.5 | 1407.6 |
| 12.5°  | 1424.5 | 1421.9 | 1424.5 | 1421.9 | 1421.9 | 1419.3 | 1406.3 | 1401.1 | 1402.4 | 1403.7 | 1398.5 |
| 15°    | 1414.1 | 1410.2 | 1414.1 | 1411.5 | 1412.8 | 1408.9 | 1394.6 | 1389.4 | 1389.4 | 1392.0 | 1382.9 |
| 17.5°  | 1398.5 | 1393.3 | 1398.5 | 1397.2 | 1395.9 | 1393.3 | 1380.3 | 1375.1 | 1373.8 | 1375.1 | 1368.6 |
| 20°    | 1380.3 | 1376.4 | 1380.3 | 1379.0 | 1379.0 | 1373.8 | 1360.8 | 1354.3 | 1354.3 | 1354.3 | 1347.8 |
| 22.5°  | 1351.8 | 1347.8 | 1351.8 | 1354.3 | 1354.3 | 1353.0 | 1341.3 | 1332.2 | 1329.7 | 1329.7 | 1321.8 |
| 25°    | 1319.2 | 1315.3 | 1319.2 | 1319.2 | 1317.9 | 1319.2 | 1315.3 | 1310.1 | 1306.2 | 1302.3 | 1294.5 |
| 27.5°  | 1288.0 | 1285.5 | 1288.0 | 1285.5 | 1288.0 | 1284.1 | 1282.9 | 1281.5 | 1276.4 | 1272.4 | 1262.0 |
| 30°    | 1256.8 | 1254.3 | 1256.8 | 1254.3 | 1251.7 | 1249.0 | 1242.5 | 1239.9 | 1245.2 | 1242.5 | 1225.7 |
| 32.5°  | 1217.8 | 1215.2 | 1217.8 | 1217.8 | 1215.2 | 1215.2 | 1204.9 | 1201.0 | 1202.2 | 1210.1 | 1194.5 |
| 35°    | 1177.5 | 1173.7 | 1177.5 | 1176.3 | 1177.5 | 1173.7 | 1167.2 | 1165.9 | 1160.7 | 1169.8 | 1158.1 |
| 37.5°  | 1130.7 | 1126.9 | 1130.7 | 1130.7 | 1130.7 | 1133.3 | 1128.2 | 1124.2 | 1116.5 | 1128.2 | 1119.1 |
| 40°    | 1082.7 | 1077.4 | 1082.7 | 1081.4 | 1082.7 | 1085.3 | 1082.7 | 1080.0 | 1072.3 | 1081.4 | 1073.6 |
| 42.5°  | 1028.1 | 1026.8 | 1028.1 | 1029.4 | 1029.4 | 1034.6 | 1038.5 | 1033.2 | 1030.7 | 1024.1 | 1029.4 |
| 45°    | 969.6  | 967.0  | 969.6  | 972.2  | 973.5  | 976.1  | 987.8  | 987.8  | 983.9  | 973.5  | 981.3  |
| 47.5°  | 907.2  | 900.7  | 907.2  | 915.0  | 915.0  | 918.9  | 930.6  | 939.7  | 933.2  | 920.2  | 924.1  |
| 50°    | 840.9  | 842.3  | 840.9  | 846.1  | 846.1  | 860.4  | 869.5  | 878.6  | 885.1  | 869.5  | 851.4  |
| 52.5°  | 776.0  | 774.6  | 776.0  | 779.9  | 785.0  | 791.6  | 807.2  | 816.2  | 826.7  | 817.5  | 789.0  |
| 55°    | 711.0  | 713.6  | 711.0  | 712.2  | 714.8  | 718.7  | 742.2  | 751.3  | 770.7  | 759.0  | 729.2  |
| 57.5°  | 645.9  | 642.1  | 645.9  | 648.6  | 649.9  | 653.8  | 673.3  | 690.1  | 701.8  | 703.1  | 666.8  |
| 60°    | 570.5  | 565.4  | 570.5  | 582.3  | 584.9  | 587.5  | 605.6  | 621.2  | 631.7  | 635.6  | 597.9  |
| 62.5°  | 504.3  | 495.2  | 504.3  | 512.1  | 517.3  | 523.7  | 536.8  | 560.2  | 569.3  | 570.5  | 517.3  |
| 65°    | 434.1  | 430.2  | 434.1  | 449.7  | 451.0  | 458.8  | 473.1  | 490.0  | 509.5  | 506.9  | 430.2  |
| 67.5°  | 370.4  | 370.4  | 370.4  | 380.8  | 388.7  | 392.5  | 410.8  | 418.5  | 443.2  | 445.8  | 358.7  |
| 70°    | 311.9  | 310.7  | 311.9  | 319.8  | 324.9  | 334.0  | 351.0  | 360.0  | 379.6  | 386.0  | 291.2  |
| 72.5°  | 256.0  | 254.8  | 256.0  | 262.5  | 267.7  | 275.6  | 289.8  | 300.2  | 317.2  | 324.9  | 226.2  |
| 75°    | 206.7  | 204.1  | 206.7  | 211.8  | 210.6  | 220.9  | 232.7  | 243.0  | 258.6  | 263.9  | 167.6  |
| 77.5°  | 158.5  | 158.5  | 158.5  | 163.8  | 163.8  | 174.1  | 179.4  | 192.3  | 201.5  | 209.3  | 123.5  |
| 80°    | 118.3  | 117.0  | 118.3  | 119.6  | 119.6  | 124.8  | 133.9  | 142.9  | 150.8  | 150.8  | 84.5   |
| 82.5°  | 83.1   | 80.6   | 83.1   | 83.1   | 83.1   | 85.8   | 91.0   | 93.6   | 98.7   | 102.7  | 53.3   |
| 85°    | 52.0   | 52.0   | 52.0   | 53.3   | 52.0   | 54.6   | 55.9   | 58.5   | 58.5   | 55.9   | 32.5   |
| 87.5°  | 33.8   | 32.5   | 33.8   | 32.5   | 32.5   | 31.2   | 31.2   | 31.2   | 29.9   | 28.6   | 18.2   |
| 90°    | 38.1   | 38.1   | 38.1   | 38.1   | 38.1   | 50.8   | 67.7   | 76.3   | 65.6   | 44.2   | 28.1   |
| 92.5°  | 152.7  | 122.4  | 152.7  | 183.0  | 190.6  | 270.3  | 376.4  | 429.5  | 377.0  | 272.3  | 193.7  |
| 95°    | 532.4  | 440.5  | 532.4  | 624.2  | 647.2  | 849.9  | 1120.2 | 1255.2 | 1060.2 | 670.0  | 377.3  |
| 97.5°  | 1275.6 | 1100.8 | 1275.6 | 1450.4 | 1494.1 | 1622.2 | 1793.0 | 1878.4 | 1553.1 | 902.4  | 414.4  |
| 100°   | 1837.8 | 1629.6 | 1837.8 | 2046.1 | 2098.2 | 2088.8 | 2076.3 | 2070.1 | 1709.0 | 987.0  | 445.5  |
| 102.5° | 2390.9 | 2212.5 | 2390.9 | 2569.3 | 2613.9 | 2450.7 | 2233.1 | 2124.2 | 1758.2 | 1025.9 | 476.7  |
| 105°   | 3096.1 | 3000.2 | 3096.1 | 3192.0 | 3215.9 | 2850.0 | 2362.1 | 2118.2 | 1763.7 | 1054.6 | 522.8  |
| 107.5° | 3558.0 | 3581.1 | 3558.0 | 3534.8 | 3529.0 | 3018.6 | 2338.1 | 1997.8 | 1685.2 | 1059.9 | 591.0  |
| 110°   | 3734.1 | 3834.0 | 3734.1 | 3634.2 | 3609.2 | 3038.7 | 2277.9 | 1897.5 | 1615.6 | 1051.9 | 629.2  |



TEST NUMBER: P935494

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-W2A-W-8-3500K

**CANDELA DISTRIBUTION (continued):**

|        | 80°    | 90°    | 100°   | 110°   | 112.5° | 120°   | 130°   | 135°   | 140°   | 150°   | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 3749.8 | 3903.2 | 3749.8 | 3596.4 | 3558.1 | 2974.1 | 2195.5 | 1806.1 | 1554.9 | 1052.2 | 675.3  |
| 115°   | 3650.4 | 3863.1 | 3650.4 | 3437.7 | 3384.5 | 2821.9 | 2071.8 | 1696.8 | 1485.2 | 1061.9 | 744.5  |
| 117.5° | 3439.6 | 3675.5 | 3439.6 | 3203.7 | 3144.7 | 2636.9 | 1960.0 | 1621.5 | 1441.6 | 1081.7 | 811.7  |
| 120°   | 3269.7 | 3498.9 | 3269.7 | 3040.4 | 2983.2 | 2519.2 | 1900.7 | 1591.4 | 1426.9 | 1097.7 | 850.9  |
| 122.5° | 3104.3 | 3330.4 | 3104.3 | 2878.1 | 2821.6 | 2403.9 | 1846.8 | 1568.3 | 1419.1 | 1120.7 | 897.0  |
| 125°   | 2868.2 | 3076.5 | 2868.2 | 2659.9 | 2607.9 | 2253.0 | 1779.9 | 1543.2 | 1412.8 | 1151.9 | 956.2  |
| 127.5° | 2655.9 | 2831.6 | 2655.9 | 2480.2 | 2436.3 | 2131.6 | 1725.3 | 1522.2 | 1409.1 | 1183.1 | 1013.5 |
| 130°   | 2530.8 | 2693.1 | 2530.8 | 2368.5 | 2327.9 | 2056.7 | 1695.0 | 1514.2 | 1411.3 | 1205.7 | 1051.6 |
| 132.5° | 2417.4 | 2562.7 | 2417.4 | 2271.9 | 2235.6 | 1992.7 | 1669.0 | 1507.1 | 1412.8 | 1224.1 | 1082.7 |
| 135°   | 2261.8 | 2387.1 | 2261.8 | 2136.5 | 2105.2 | 1901.8 | 1630.6 | 1495.1 | 1411.4 | 1244.2 | 1118.8 |
| 137.5° | 2137.0 | 2239.6 | 2137.0 | 2034.5 | 2008.8 | 1836.9 | 1607.7 | 1493.0 | 1420.2 | 1274.3 | 1164.9 |
| 140°   | 2051.5 | 2147.3 | 2051.5 | 1955.5 | 1931.6 | 1783.1 | 1585.1 | 1486.1 | 1421.6 | 1292.7 | 1196.0 |
| 142.5° | 1980.4 | 2063.0 | 1980.4 | 1898.0 | 1877.3 | 1746.9 | 1573.0 | 1486.1 | 1426.8 | 1308.1 | 1219.1 |
| 145°   | 1874.1 | 1936.5 | 1874.1 | 1811.7 | 1796.1 | 1689.5 | 1547.1 | 1476.0 | 1426.8 | 1328.2 | 1254.3 |
| 147.5° | 1792.6 | 1844.3 | 1792.6 | 1740.8 | 1727.9 | 1643.9 | 1532.0 | 1476.0 | 1436.5 | 1357.7 | 1298.5 |
| 150°   | 1741.2 | 1783.1 | 1741.2 | 1699.2 | 1688.8 | 1617.8 | 1523.3 | 1476.0 | 1441.7 | 1373.0 | 1321.5 |
| 152.5° | 1697.2 | 1728.9 | 1697.2 | 1665.6 | 1657.7 | 1597.1 | 1516.4 | 1476.0 | 1445.0 | 1383.1 | 1336.5 |
| 155°   | 1646.7 | 1667.6 | 1646.7 | 1625.8 | 1620.6 | 1572.4 | 1508.2 | 1476.0 | 1452.3 | 1405.1 | 1369.7 |
| 157.5° | 1606.8 | 1621.5 | 1606.8 | 1592.1 | 1588.4 | 1550.9 | 1501.0 | 1476.0 | 1459.7 | 1427.1 | 1402.7 |
| 160°   | 1582.9 | 1591.4 | 1582.9 | 1574.4 | 1572.3 | 1540.2 | 1497.4 | 1476.0 | 1463.1 | 1437.2 | 1417.8 |
| 162.5° | 1567.4 | 1575.4 | 1567.4 | 1559.3 | 1557.3 | 1530.1 | 1494.0 | 1476.0 | 1466.6 | 1447.9 | 1433.8 |
| 165°   | 1544.8 | 1553.3 | 1544.8 | 1536.3 | 1534.2 | 1514.8 | 1489.0 | 1476.0 | 1471.7 | 1463.3 | 1457.0 |
| 167.5° | 1528.6 | 1532.2 | 1528.6 | 1525.0 | 1524.1 | 1511.4 | 1494.5 | 1486.1 | 1482.5 | 1475.3 | 1470.0 |
| 170°   | 1524.1 | 1524.1 | 1524.1 | 1524.1 | 1524.1 | 1511.4 | 1494.5 | 1486.1 | 1485.9 | 1485.4 | 1485.1 |
| 172.5° | 1512.2 | 1509.1 | 1512.2 | 1515.4 | 1516.2 | 1506.1 | 1492.7 | 1486.1 | 1486.1 | 1486.1 | 1486.1 |
| 175°   | 1505.1 | 1505.1 | 1505.1 | 1505.1 | 1505.1 | 1498.8 | 1490.3 | 1486.1 | 1488.1 | 1492.1 | 1495.1 |
| 177.5° | 1498.7 | 1495.1 | 1498.7 | 1502.2 | 1503.1 | 1498.1 | 1491.4 | 1488.1 | 1489.6 | 1492.7 | 1495.1 |
| 180°   | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1495.1 |

TEST NUMBER: P935494

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-W2A-W-8-3500K

**CANDELA DISTRIBUTION (continued):**

|        | 160°   | 170°   | 180°   | 190°   | 200°   | 202.5° | 210°   | 220°   | 225°   | 230°   | 240°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1373.8 | 1373.8 | 1373.8 | 1373.8 | 1373.8 | 1373.8 | 1373.8 | 1373.8 | 1373.8 | 1373.8 | 1373.8 |
| 2.5°   | 1393.3 | 1385.5 | 1385.5 | 1372.5 | 1367.4 | 1363.4 | 1356.9 | 1337.4 | 1332.2 | 1327.0 | 1334.8 |
| 5°     | 1405.0 | 1390.7 | 1380.3 | 1356.9 | 1337.4 | 1329.7 | 1305.0 | 1258.1 | 1226.9 | 1203.5 | 1190.5 |
| 7.5°   | 1407.6 | 1389.4 | 1369.9 | 1333.5 | 1286.7 | 1265.9 | 1190.5 | 1104.8 | 1081.4 | 1060.6 | 1047.6 |
| 10°    | 1405.0 | 1384.2 | 1356.9 | 1302.3 | 1191.9 | 1155.4 | 1080.0 | 1024.1 | 1009.9 | 1006.0 | 1009.9 |
| 12.5°  | 1395.9 | 1376.4 | 1338.7 | 1247.8 | 1093.0 | 1068.4 | 1024.1 | 991.7  | 989.1  | 995.6  | 1030.7 |
| 15°    | 1380.3 | 1362.1 | 1317.9 | 1174.9 | 1038.5 | 1020.3 | 989.1  | 977.4  | 991.7  | 1037.2 | 1142.5 |
| 17.5°  | 1364.7 | 1343.9 | 1289.4 | 1103.5 | 996.9  | 983.9  | 961.8  | 985.2  | 1065.8 | 1126.9 | 1161.9 |
| 20°    | 1343.9 | 1319.2 | 1256.8 | 1051.5 | 967.0  | 955.3  | 944.9  | 1050.2 | 1111.2 | 1133.3 | 1152.8 |
| 22.5°  | 1319.2 | 1293.2 | 1212.6 | 1015.1 | 935.8  | 926.8  | 933.2  | 1086.5 | 1111.2 | 1126.9 | 1143.7 |
| 25°    | 1286.7 | 1264.6 | 1160.7 | 986.5  | 911.2  | 900.7  | 925.4  | 1082.7 | 1097.0 | 1100.9 | 1134.7 |
| 27.5°  | 1256.8 | 1228.2 | 1106.1 | 960.5  | 881.2  | 877.3  | 931.9  | 1065.8 | 1076.2 | 1080.0 | 1116.5 |
| 30°    | 1220.5 | 1177.5 | 1045.0 | 933.2  | 850.0  | 848.7  | 933.2  | 1045.0 | 1042.4 | 1052.8 | 1089.2 |
| 32.5°  | 1182.8 | 1102.1 | 976.1  | 899.4  | 820.2  | 818.8  | 924.1  | 1013.8 | 1011.2 | 1025.5 | 1052.8 |
| 35°    | 1147.7 | 1043.7 | 882.5  | 860.4  | 782.5  | 783.7  | 902.0  | 977.4  | 978.7  | 991.7  | 1008.6 |
| 37.5°  | 1111.2 | 993.0  | 779.9  | 817.5  | 746.0  | 746.0  | 872.1  | 943.6  | 941.0  | 944.9  | 968.3  |
| 40°    | 1068.4 | 913.7  | 688.9  | 761.6  | 712.2  | 708.3  | 835.8  | 907.2  | 898.1  | 896.8  | 929.3  |
| 42.5°  | 1022.9 | 826.7  | 621.2  | 687.6  | 673.3  | 668.0  | 791.6  | 863.0  | 846.1  | 850.0  | 891.6  |
| 45°    | 973.5  | 803.2  | 569.3  | 581.0  | 633.0  | 629.1  | 743.4  | 812.3  | 800.6  | 811.1  | 853.9  |
| 47.5°  | 924.1  | 756.4  | 552.4  | 482.2  | 590.1  | 588.8  | 690.1  | 762.9  | 756.4  | 766.9  | 812.3  |
| 50°    | 856.5  | 704.5  | 551.1  | 413.3  | 542.0  | 547.2  | 626.5  | 714.8  | 714.8  | 723.9  | 772.0  |
| 52.5°  | 769.5  | 640.8  | 500.4  | 374.3  | 486.1  | 501.7  | 570.5  | 673.3  | 675.9  | 685.0  | 727.8  |
| 55°    | 690.1  | 574.5  | 464.0  | 344.4  | 419.8  | 453.6  | 516.0  | 630.3  | 635.6  | 644.7  | 683.6  |
| 57.5°  | 617.3  | 478.3  | 456.2  | 309.3  | 358.7  | 391.2  | 467.9  | 588.8  | 591.4  | 599.1  | 636.8  |
| 60°    | 539.3  | 345.7  | 418.5  | 271.6  | 305.4  | 330.1  | 423.7  | 539.3  | 548.5  | 553.7  | 586.1  |
| 62.5°  | 451.0  | 250.9  | 379.6  | 245.6  | 279.5  | 284.6  | 387.3  | 492.6  | 504.3  | 508.2  | 527.7  |
| 65°    | 321.0  | 210.6  | 322.3  | 223.5  | 252.1  | 253.5  | 348.4  | 444.5  | 454.9  | 461.4  | 475.7  |
| 67.5°  | 217.1  | 171.6  | 245.6  | 202.7  | 231.4  | 232.7  | 310.7  | 388.7  | 402.9  | 408.1  | 417.3  |
| 70°    | 150.8  | 114.3  | 182.0  | 180.6  | 207.9  | 210.6  | 270.4  | 337.9  | 351.0  | 354.8  | 360.0  |
| 72.5°  | 110.5  | 92.2   | 150.8  | 162.5  | 183.2  | 185.9  | 228.8  | 280.7  | 293.7  | 297.7  | 300.2  |
| 75°    | 84.5   | 97.5   | 122.2  | 141.7  | 156.0  | 157.3  | 187.1  | 228.8  | 237.9  | 240.4  | 241.8  |
| 77.5°  | 67.5   | 91.0   | 89.7   | 114.3  | 127.3  | 124.8  | 146.9  | 176.7  | 184.6  | 184.6  | 184.6  |
| 80°    | 50.7   | 71.5   | 67.5   | 81.9   | 93.6   | 91.0   | 105.2  | 126.1  | 128.7  | 131.3  | 129.9  |
| 82.5°  | 37.7   | 45.4   | 45.4   | 52.0   | 62.4   | 59.8   | 70.2   | 81.9   | 81.9   | 81.9   | 84.5   |
| 85°    | 23.4   | 26.0   | 20.8   | 27.3   | 35.1   | 33.8   | 39.0   | 44.2   | 45.4   | 45.4   | 42.9   |
| 87.5°  | 14.3   | 11.7   | 6.5    | 10.4   | 15.6   | 15.6   | 18.2   | 19.5   | 18.2   | 18.2   | 18.2   |
| 90°    | 26.1   | 18.1   | 10.1   | 18.1   | 26.1   | 28.1   | 44.2   | 65.6   | 76.3   | 67.7   | 50.8   |
| 92.5°  | 176.6  | 108.3  | 40.1   | 108.3  | 176.6  | 193.7  | 272.3  | 377.0  | 429.5  | 376.4  | 270.3  |
| 95°    | 346.1  | 221.2  | 96.3   | 221.2  | 346.1  | 377.3  | 670.0  | 1060.2 | 1255.2 | 1120.2 | 849.9  |
| 97.5°  | 386.9  | 276.7  | 166.6  | 276.7  | 386.9  | 414.4  | 902.4  | 1553.1 | 1878.4 | 1793.0 | 1622.2 |
| 100°   | 420.5  | 320.6  | 220.7  | 320.6  | 420.5  | 445.5  | 987.0  | 1709.0 | 2070.1 | 2076.3 | 2088.8 |
| 102.5° | 453.3  | 360.1  | 266.9  | 360.1  | 453.3  | 476.7  | 1025.9 | 1758.2 | 2124.2 | 2233.1 | 2450.7 |
| 105°   | 503.0  | 424.1  | 345.2  | 424.1  | 503.0  | 522.8  | 1054.6 | 1763.7 | 2118.2 | 2362.1 | 2850.0 |
| 107.5° | 572.6  | 499.0  | 425.5  | 499.0  | 572.6  | 591.0  | 1059.9 | 1685.2 | 1997.8 | 2338.1 | 3018.6 |
| 110°   | 612.6  | 546.1  | 479.7  | 546.1  | 612.6  | 629.2  | 1051.9 | 1615.6 | 1897.5 | 2277.9 | 3038.7 |

TEST NUMBER: P935494

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-W2A-W-8-3500K

**CANDELA DISTRIBUTION (continued):**

|        | 160°   | 170°   | 180°   | 190°   | 200°   | 202.5° | 210°   | 220°   | 225°   | 230°   | 240°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 659.5  | 596.1  | 532.9  | 596.1  | 659.5  | 675.3  | 1052.2 | 1554.9 | 1806.1 | 2195.5 | 2974.1 |
| 115°   | 729.9  | 671.5  | 613.1  | 671.5  | 729.9  | 744.5  | 1061.9 | 1485.2 | 1696.8 | 2071.8 | 2821.9 |
| 117.5° | 798.5  | 745.5  | 692.4  | 745.5  | 798.5  | 811.7  | 1081.7 | 1441.6 | 1621.5 | 1960.0 | 2636.9 |
| 120°   | 838.4  | 788.5  | 738.5  | 788.5  | 838.4  | 850.9  | 1097.7 | 1426.9 | 1591.4 | 1900.7 | 2519.2 |
| 122.5° | 884.4  | 834.0  | 783.6  | 834.0  | 884.4  | 897.0  | 1120.7 | 1419.1 | 1568.3 | 1846.8 | 2403.9 |
| 125°   | 944.8  | 898.8  | 852.9  | 898.8  | 944.8  | 956.2  | 1151.9 | 1412.8 | 1543.2 | 1779.9 | 2253.0 |
| 127.5° | 1001.8 | 955.5  | 909.1  | 955.5  | 1001.8 | 1013.5 | 1183.1 | 1409.1 | 1522.2 | 1725.3 | 2131.6 |
| 130°   | 1039.1 | 989.2  | 939.2  | 989.2  | 1039.1 | 1051.6 | 1205.7 | 1411.3 | 1514.2 | 1695.0 | 2056.7 |
| 132.5° | 1070.2 | 1020.3 | 970.3  | 1020.3 | 1070.2 | 1082.7 | 1224.1 | 1412.8 | 1507.1 | 1669.0 | 1992.7 |
| 135°   | 1107.5 | 1061.9 | 1016.5 | 1061.9 | 1107.5 | 1118.8 | 1244.2 | 1411.4 | 1495.1 | 1630.6 | 1901.8 |
| 137.5° | 1153.7 | 1108.6 | 1063.6 | 1108.6 | 1153.7 | 1164.9 | 1274.3 | 1420.2 | 1493.0 | 1607.7 | 1836.9 |
| 140°   | 1185.7 | 1144.2 | 1102.7 | 1144.2 | 1185.7 | 1196.0 | 1292.7 | 1421.6 | 1486.1 | 1585.1 | 1783.1 |
| 142.5° | 1209.5 | 1171.2 | 1132.9 | 1171.2 | 1209.5 | 1219.1 | 1308.1 | 1426.8 | 1486.1 | 1573.0 | 1746.9 |
| 145°   | 1245.9 | 1212.4 | 1179.0 | 1212.4 | 1245.9 | 1254.3 | 1328.2 | 1426.8 | 1476.0 | 1547.1 | 1689.5 |
| 147.5° | 1290.3 | 1257.8 | 1225.2 | 1257.8 | 1290.3 | 1298.5 | 1357.7 | 1436.5 | 1476.0 | 1532.0 | 1643.9 |
| 150°   | 1314.2 | 1284.7 | 1255.2 | 1284.7 | 1314.2 | 1321.5 | 1373.0 | 1441.7 | 1476.0 | 1523.3 | 1617.8 |
| 152.5° | 1330.9 | 1308.6 | 1286.3 | 1308.6 | 1330.9 | 1336.5 | 1383.1 | 1445.0 | 1476.0 | 1516.4 | 1597.1 |
| 155°   | 1365.5 | 1349.0 | 1332.6 | 1349.0 | 1365.5 | 1369.7 | 1405.1 | 1452.3 | 1476.0 | 1508.2 | 1572.4 |
| 157.5° | 1398.8 | 1382.7 | 1366.7 | 1382.7 | 1398.8 | 1402.7 | 1427.1 | 1459.7 | 1476.0 | 1501.0 | 1550.9 |
| 160°   | 1414.7 | 1402.2 | 1389.7 | 1402.2 | 1414.7 | 1417.8 | 1437.2 | 1463.1 | 1476.0 | 1497.4 | 1540.2 |
| 162.5° | 1431.5 | 1422.1 | 1412.8 | 1422.1 | 1431.5 | 1433.8 | 1447.9 | 1466.6 | 1476.0 | 1494.0 | 1530.1 |
| 165°   | 1454.9 | 1446.4 | 1437.9 | 1446.4 | 1454.9 | 1457.0 | 1463.3 | 1471.7 | 1476.0 | 1489.0 | 1514.8 |
| 167.5° | 1469.0 | 1464.9 | 1461.0 | 1464.9 | 1469.0 | 1470.0 | 1475.3 | 1482.5 | 1486.1 | 1494.5 | 1511.4 |
| 170°   | 1484.1 | 1480.1 | 1476.0 | 1480.1 | 1484.1 | 1485.1 | 1485.4 | 1485.9 | 1486.1 | 1494.5 | 1511.4 |
| 172.5° | 1485.9 | 1484.9 | 1484.0 | 1484.9 | 1485.9 | 1486.1 | 1486.1 | 1486.1 | 1486.1 | 1492.7 | 1506.1 |
| 175°   | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1492.1 | 1488.1 | 1486.1 | 1490.3 | 1498.8 |
| 177.5° | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1492.7 | 1489.6 | 1488.1 | 1491.4 | 1498.1 |
| 180°   | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1495.1 |

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CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-W2A-W-8-3500K

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 260°   | 270°   | 280°   | 290°   | 292.5° | 300°   | 310°   | 315°   | 320°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1373.8 | 1373.8 | 1373.8 | 1373.8 | 1373.8 | 1373.8 | 1373.8 | 1373.8 | 1373.8 | 1373.8 | 1373.8 |
| 2.5°   | 1325.7 | 1321.8 | 1327.0 | 1312.7 | 1327.0 | 1321.8 | 1325.7 | 1334.8 | 1327.0 | 1332.2 | 1337.4 |
| 5°     | 1163.3 | 1156.8 | 1136.0 | 1119.1 | 1136.0 | 1156.8 | 1163.3 | 1190.5 | 1203.5 | 1226.9 | 1258.1 |
| 7.5°   | 1039.7 | 1034.6 | 1029.4 | 1019.0 | 1029.4 | 1034.6 | 1039.7 | 1047.6 | 1060.6 | 1081.4 | 1104.8 |
| 10°    | 1012.5 | 1013.8 | 1021.6 | 1020.3 | 1021.6 | 1013.8 | 1012.5 | 1009.9 | 1006.0 | 1009.9 | 1024.1 |
| 12.5°  | 1082.7 | 1094.4 | 1137.2 | 1134.7 | 1137.2 | 1094.4 | 1082.7 | 1030.7 | 995.6  | 989.1  | 991.7  |
| 15°    | 1163.3 | 1167.2 | 1176.3 | 1177.5 | 1176.3 | 1167.2 | 1163.3 | 1142.5 | 1037.2 | 991.7  | 977.4  |
| 17.5°  | 1171.0 | 1172.4 | 1178.9 | 1178.9 | 1178.9 | 1172.4 | 1171.0 | 1161.9 | 1126.9 | 1065.8 | 985.2  |
| 20°    | 1164.5 | 1167.2 | 1180.1 | 1182.8 | 1180.1 | 1167.2 | 1164.5 | 1152.8 | 1133.3 | 1111.2 | 1050.2 |
| 22.5°  | 1161.9 | 1167.2 | 1177.5 | 1176.3 | 1177.5 | 1167.2 | 1161.9 | 1143.7 | 1126.9 | 1111.2 | 1086.5 |
| 25°    | 1148.9 | 1148.9 | 1150.3 | 1151.6 | 1150.3 | 1148.9 | 1148.9 | 1134.7 | 1100.9 | 1097.0 | 1082.7 |
| 27.5°  | 1121.6 | 1124.2 | 1132.1 | 1130.7 | 1132.1 | 1124.2 | 1121.6 | 1116.5 | 1080.0 | 1076.2 | 1065.8 |
| 30°    | 1097.0 | 1094.4 | 1087.9 | 1082.7 | 1087.9 | 1094.4 | 1097.0 | 1089.2 | 1052.8 | 1042.4 | 1045.0 |
| 32.5°  | 1055.3 | 1048.8 | 1042.4 | 1038.5 | 1042.4 | 1048.8 | 1055.3 | 1052.8 | 1025.5 | 1011.2 | 1013.8 |
| 35°    | 1006.0 | 1007.3 | 1006.0 | 1002.0 | 1006.0 | 1007.3 | 1006.0 | 1008.6 | 991.7  | 978.7  | 977.4  |
| 37.5°  | 970.9  | 973.5  | 972.2  | 967.0  | 972.2  | 973.5  | 970.9  | 968.3  | 944.9  | 941.0  | 943.6  |
| 40°    | 934.5  | 935.8  | 934.5  | 930.6  | 934.5  | 935.8  | 934.5  | 929.3  | 896.8  | 898.1  | 907.2  |
| 42.5°  | 899.4  | 898.1  | 894.2  | 891.6  | 894.2  | 898.1  | 899.4  | 891.6  | 850.0  | 846.1  | 863.0  |
| 45°    | 859.1  | 860.4  | 852.6  | 848.7  | 852.6  | 860.4  | 859.1  | 853.9  | 811.1  | 800.6  | 812.3  |
| 47.5°  | 818.8  | 818.8  | 812.3  | 808.4  | 812.3  | 818.8  | 818.8  | 812.3  | 766.9  | 756.4  | 762.9  |
| 50°    | 776.0  | 774.6  | 765.5  | 764.3  | 765.5  | 774.6  | 776.0  | 772.0  | 723.9  | 714.8  | 714.8  |
| 52.5°  | 726.6  | 726.6  | 727.8  | 730.4  | 727.8  | 726.6  | 726.6  | 727.8  | 685.0  | 675.9  | 673.3  |
| 55°    | 683.6  | 685.0  | 694.1  | 696.6  | 694.1  | 685.0  | 683.6  | 683.6  | 644.7  | 635.6  | 630.3  |
| 57.5°  | 639.4  | 639.4  | 645.9  | 645.9  | 645.9  | 639.4  | 639.4  | 636.8  | 599.1  | 591.4  | 588.8  |
| 60°    | 588.8  | 591.4  | 596.6  | 595.3  | 596.6  | 591.4  | 588.8  | 586.1  | 553.7  | 548.5  | 539.3  |
| 62.5°  | 535.5  | 538.1  | 539.3  | 536.8  | 539.3  | 538.1  | 535.5  | 527.7  | 508.2  | 504.3  | 492.6  |
| 65°    | 479.6  | 482.2  | 483.5  | 480.9  | 483.5  | 482.2  | 479.6  | 475.7  | 461.4  | 454.9  | 444.5  |
| 67.5°  | 422.4  | 421.1  | 419.8  | 425.0  | 419.8  | 421.1  | 422.4  | 417.3  | 408.1  | 402.9  | 388.7  |
| 70°    | 364.0  | 364.0  | 362.6  | 365.2  | 362.6  | 364.0  | 364.0  | 360.0  | 354.8  | 351.0  | 337.9  |
| 72.5°  | 301.6  | 300.2  | 305.4  | 301.6  | 305.4  | 300.2  | 301.6  | 300.2  | 297.7  | 293.7  | 280.7  |
| 75°    | 240.4  | 243.0  | 240.4  | 244.4  | 240.4  | 243.0  | 240.4  | 241.8  | 240.4  | 237.9  | 228.8  |
| 77.5°  | 183.2  | 185.9  | 183.2  | 183.2  | 183.2  | 185.9  | 183.2  | 184.6  | 184.6  | 184.6  | 176.7  |
| 80°    | 129.9  | 128.7  | 128.7  | 127.3  | 128.7  | 128.7  | 129.9  | 129.9  | 131.3  | 128.7  | 126.1  |
| 82.5°  | 83.1   | 81.9   | 81.9   | 84.5   | 81.9   | 81.9   | 83.1   | 84.5   | 81.9   | 81.9   | 81.9   |
| 85°    | 45.4   | 46.8   | 44.2   | 44.2   | 44.2   | 46.8   | 45.4   | 42.9   | 45.4   | 45.4   | 44.2   |
| 87.5°  | 16.9   | 15.6   | 15.6   | 15.6   | 15.6   | 15.6   | 16.9   | 18.2   | 18.2   | 18.2   | 19.5   |
| 90°    | 38.1   | 38.1   | 38.1   | 38.1   | 38.1   | 38.1   | 38.1   | 50.8   | 67.7   | 76.3   | 65.6   |
| 92.5°  | 190.6  | 183.0  | 152.7  | 122.4  | 152.7  | 183.0  | 190.6  | 270.3  | 376.4  | 429.5  | 377.0  |
| 95°    | 647.2  | 624.2  | 532.4  | 440.5  | 532.4  | 624.2  | 647.2  | 849.9  | 1120.2 | 1255.2 | 1060.2 |
| 97.5°  | 1494.1 | 1450.4 | 1275.6 | 1100.8 | 1275.6 | 1450.4 | 1494.1 | 1622.2 | 1793.0 | 1878.4 | 1553.1 |
| 100°   | 2098.2 | 2046.1 | 1837.8 | 1629.6 | 1837.8 | 2046.1 | 2098.2 | 2088.8 | 2076.3 | 2070.1 | 1709.0 |
| 102.5° | 2613.9 | 2569.3 | 2390.9 | 2212.5 | 2390.9 | 2569.3 | 2613.9 | 2450.7 | 2233.1 | 2124.2 | 1758.2 |
| 105°   | 3215.9 | 3192.0 | 3096.1 | 3000.2 | 3096.1 | 3192.0 | 3215.9 | 2850.0 | 2362.1 | 2118.2 | 1763.7 |
| 107.5° | 3529.0 | 3534.8 | 3558.0 | 3581.1 | 3558.0 | 3534.8 | 3529.0 | 3018.6 | 2338.1 | 1997.8 | 1685.2 |
| 110°   | 3609.2 | 3634.2 | 3734.1 | 3834.0 | 3734.1 | 3634.2 | 3609.2 | 3038.7 | 2277.9 | 1897.5 | 1615.6 |

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**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 260°   | 270°   | 280°   | 290°   | 292.5° | 300°   | 310°   | 315°   | 320°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 3558.1 | 3596.4 | 3749.8 | 3903.2 | 3749.8 | 3596.4 | 3558.1 | 2974.1 | 2195.5 | 1806.1 | 1554.9 |
| 115°   | 3384.5 | 3437.7 | 3650.4 | 3863.1 | 3650.4 | 3437.7 | 3384.5 | 2821.9 | 2071.8 | 1696.8 | 1485.2 |
| 117.5° | 3144.7 | 3203.7 | 3439.6 | 3675.5 | 3439.6 | 3203.7 | 3144.7 | 2636.9 | 1960.0 | 1621.5 | 1441.6 |
| 120°   | 2983.2 | 3040.4 | 3269.7 | 3498.9 | 3269.7 | 3040.4 | 2983.2 | 2519.2 | 1900.7 | 1591.4 | 1426.9 |
| 122.5° | 2821.6 | 2878.1 | 3104.3 | 3330.4 | 3104.3 | 2878.1 | 2821.6 | 2403.9 | 1846.8 | 1568.3 | 1419.1 |
| 125°   | 2607.9 | 2659.9 | 2868.2 | 3076.5 | 2868.2 | 2659.9 | 2607.9 | 2253.0 | 1779.9 | 1543.2 | 1412.8 |
| 127.5° | 2436.3 | 2480.2 | 2655.9 | 2831.6 | 2655.9 | 2480.2 | 2436.3 | 2131.6 | 1725.3 | 1522.2 | 1409.1 |
| 130°   | 2327.9 | 2368.5 | 2530.8 | 2693.1 | 2530.8 | 2368.5 | 2327.9 | 2056.7 | 1695.0 | 1514.2 | 1411.3 |
| 132.5° | 2235.6 | 2271.9 | 2417.4 | 2562.7 | 2417.4 | 2271.9 | 2235.6 | 1992.7 | 1669.0 | 1507.1 | 1412.8 |
| 135°   | 2105.2 | 2136.5 | 2261.8 | 2387.1 | 2261.8 | 2136.5 | 2105.2 | 1901.8 | 1630.6 | 1495.1 | 1411.4 |
| 137.5° | 2008.8 | 2034.5 | 2137.0 | 2239.6 | 2137.0 | 2034.5 | 2008.8 | 1836.9 | 1607.7 | 1493.0 | 1420.2 |
| 140°   | 1931.6 | 1955.5 | 2051.5 | 2147.3 | 2051.5 | 1955.5 | 1931.6 | 1783.1 | 1585.1 | 1486.1 | 1421.6 |
| 142.5° | 1877.3 | 1898.0 | 1980.4 | 2063.0 | 1980.4 | 1898.0 | 1877.3 | 1746.9 | 1573.0 | 1486.1 | 1426.8 |
| 145°   | 1796.1 | 1811.7 | 1874.1 | 1936.5 | 1874.1 | 1811.7 | 1796.1 | 1689.5 | 1547.1 | 1476.0 | 1426.8 |
| 147.5° | 1727.9 | 1740.8 | 1792.6 | 1844.3 | 1792.6 | 1740.8 | 1727.9 | 1643.9 | 1532.0 | 1476.0 | 1436.5 |
| 150°   | 1688.8 | 1699.2 | 1741.2 | 1783.1 | 1741.2 | 1699.2 | 1688.8 | 1617.8 | 1523.3 | 1476.0 | 1441.7 |
| 152.5° | 1657.7 | 1665.6 | 1697.2 | 1728.9 | 1697.2 | 1665.6 | 1657.7 | 1597.1 | 1516.4 | 1476.0 | 1445.0 |
| 155°   | 1620.6 | 1625.8 | 1646.7 | 1667.6 | 1646.7 | 1625.8 | 1620.6 | 1572.4 | 1508.2 | 1476.0 | 1452.3 |
| 157.5° | 1588.4 | 1592.1 | 1606.8 | 1621.5 | 1606.8 | 1592.1 | 1588.4 | 1550.9 | 1501.0 | 1476.0 | 1459.7 |
| 160°   | 1572.3 | 1574.4 | 1582.9 | 1591.4 | 1582.9 | 1574.4 | 1572.3 | 1540.2 | 1497.4 | 1476.0 | 1463.1 |
| 162.5° | 1557.3 | 1559.3 | 1567.4 | 1575.4 | 1567.4 | 1559.3 | 1557.3 | 1530.1 | 1494.0 | 1476.0 | 1466.6 |
| 165°   | 1534.2 | 1536.3 | 1544.8 | 1553.3 | 1544.8 | 1536.3 | 1534.2 | 1514.8 | 1489.0 | 1476.0 | 1471.7 |
| 167.5° | 1524.1 | 1525.0 | 1528.6 | 1532.2 | 1528.6 | 1525.0 | 1524.1 | 1511.4 | 1494.5 | 1486.1 | 1482.5 |
| 170°   | 1524.1 | 1524.1 | 1524.1 | 1524.1 | 1524.1 | 1524.1 | 1524.1 | 1511.4 | 1494.5 | 1486.1 | 1485.9 |
| 172.5° | 1516.2 | 1515.4 | 1512.2 | 1509.1 | 1512.2 | 1515.4 | 1516.2 | 1506.1 | 1492.7 | 1486.1 | 1486.1 |
| 175°   | 1505.1 | 1505.1 | 1505.1 | 1505.1 | 1505.1 | 1505.1 | 1505.1 | 1498.8 | 1490.3 | 1486.1 | 1488.1 |
| 177.5° | 1503.1 | 1502.2 | 1498.7 | 1495.1 | 1498.7 | 1502.2 | 1503.1 | 1498.1 | 1491.4 | 1488.1 | 1489.6 |
| 180°   | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1495.1 |

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**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 337.5° | 340°   | 350°   | 360°   |
|--------|--------|--------|--------|--------|--------|
| 0°     | 1373.8 | 1373.8 | 1373.8 | 1373.8 | 1373.8 |
| 2.5°   | 1356.9 | 1363.4 | 1367.4 | 1372.5 | 1385.5 |
| 5°     | 1305.0 | 1329.7 | 1337.4 | 1356.9 | 1380.3 |
| 7.5°   | 1190.5 | 1265.9 | 1286.7 | 1333.5 | 1369.9 |
| 10°    | 1080.0 | 1155.4 | 1191.9 | 1302.3 | 1356.9 |
| 12.5°  | 1024.1 | 1068.4 | 1093.0 | 1247.8 | 1338.7 |
| 15°    | 989.1  | 1020.3 | 1038.5 | 1174.9 | 1317.9 |
| 17.5°  | 961.8  | 983.9  | 996.9  | 1103.5 | 1289.4 |
| 20°    | 944.9  | 955.3  | 967.0  | 1051.5 | 1256.8 |
| 22.5°  | 933.2  | 926.8  | 935.8  | 1015.1 | 1212.6 |
| 25°    | 925.4  | 900.7  | 911.2  | 986.5  | 1160.7 |
| 27.5°  | 931.9  | 877.3  | 881.2  | 960.5  | 1106.1 |
| 30°    | 933.2  | 848.7  | 850.0  | 933.2  | 1045.0 |
| 32.5°  | 924.1  | 818.8  | 820.2  | 899.4  | 976.1  |
| 35°    | 902.0  | 783.7  | 782.5  | 860.4  | 882.5  |
| 37.5°  | 872.1  | 746.0  | 746.0  | 817.5  | 779.9  |
| 40°    | 835.8  | 708.3  | 712.2  | 761.6  | 688.9  |
| 42.5°  | 791.6  | 668.0  | 673.3  | 687.6  | 621.2  |
| 45°    | 743.4  | 629.1  | 633.0  | 581.0  | 569.3  |
| 47.5°  | 690.1  | 588.8  | 590.1  | 482.2  | 552.4  |
| 50°    | 626.5  | 547.2  | 542.0  | 413.3  | 551.1  |
| 52.5°  | 570.5  | 501.7  | 486.1  | 374.3  | 500.4  |
| 55°    | 516.0  | 453.6  | 419.8  | 344.4  | 464.0  |
| 57.5°  | 467.9  | 391.2  | 358.7  | 309.3  | 456.2  |
| 60°    | 423.7  | 330.1  | 305.4  | 271.6  | 418.5  |
| 62.5°  | 387.3  | 284.6  | 279.5  | 245.6  | 379.6  |
| 65°    | 348.4  | 253.5  | 252.1  | 223.5  | 322.3  |
| 67.5°  | 310.7  | 232.7  | 231.4  | 202.7  | 245.6  |
| 70°    | 270.4  | 210.6  | 207.9  | 180.6  | 182.0  |
| 72.5°  | 228.8  | 185.9  | 183.2  | 162.5  | 150.8  |
| 75°    | 187.1  | 157.3  | 156.0  | 141.7  | 122.2  |
| 77.5°  | 146.9  | 124.8  | 127.3  | 114.3  | 89.7   |
| 80°    | 105.2  | 91.0   | 93.6   | 81.9   | 67.5   |
| 82.5°  | 70.2   | 59.8   | 62.4   | 52.0   | 45.4   |
| 85°    | 39.0   | 33.8   | 35.1   | 27.3   | 20.8   |
| 87.5°  | 18.2   | 15.6   | 15.6   | 10.4   | 6.5    |
| 90°    | 44.2   | 28.1   | 26.1   | 18.1   | 10.1   |
| 92.5°  | 272.3  | 193.7  | 176.6  | 108.3  | 40.1   |
| 95°    | 670.0  | 377.3  | 346.1  | 221.2  | 96.3   |
| 97.5°  | 902.4  | 414.4  | 386.9  | 276.7  | 166.6  |
| 100°   | 987.0  | 445.5  | 420.5  | 320.6  | 220.7  |
| 102.5° | 1025.9 | 476.7  | 453.3  | 360.1  | 266.9  |
| 105°   | 1054.6 | 522.8  | 503.0  | 424.1  | 345.2  |
| 107.5° | 1059.9 | 591.0  | 572.6  | 499.0  | 425.5  |
| 110°   | 1051.9 | 629.2  | 612.6  | 546.1  | 479.7  |



TEST NUMBER: P935494

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-W2A-W-8-3500K

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 337.5° | 340°   | 350°   | 360°   |
|--------|--------|--------|--------|--------|--------|
| 112.5° | 1052.2 | 675.3  | 659.5  | 596.1  | 532.9  |
| 115°   | 1061.9 | 744.5  | 729.9  | 671.5  | 613.1  |
| 117.5° | 1081.7 | 811.7  | 798.5  | 745.5  | 692.4  |
| 120°   | 1097.7 | 850.9  | 838.4  | 788.5  | 738.5  |
| 122.5° | 1120.7 | 897.0  | 884.4  | 834.0  | 783.6  |
| 125°   | 1151.9 | 956.2  | 944.8  | 898.8  | 852.9  |
| 127.5° | 1183.1 | 1013.5 | 1001.8 | 955.5  | 909.1  |
| 130°   | 1205.7 | 1051.6 | 1039.1 | 989.2  | 939.2  |
| 132.5° | 1224.1 | 1082.7 | 1070.2 | 1020.3 | 970.3  |
| 135°   | 1244.2 | 1118.8 | 1107.5 | 1061.9 | 1016.5 |
| 137.5° | 1274.3 | 1164.9 | 1153.7 | 1108.6 | 1063.6 |
| 140°   | 1292.7 | 1196.0 | 1185.7 | 1144.2 | 1102.7 |
| 142.5° | 1308.1 | 1219.1 | 1209.5 | 1171.2 | 1132.9 |
| 145°   | 1328.2 | 1254.3 | 1245.9 | 1212.4 | 1179.0 |
| 147.5° | 1357.7 | 1298.5 | 1290.3 | 1257.8 | 1225.2 |
| 150°   | 1373.0 | 1321.5 | 1314.2 | 1284.7 | 1255.2 |
| 152.5° | 1383.1 | 1336.5 | 1330.9 | 1308.6 | 1286.3 |
| 155°   | 1405.1 | 1369.7 | 1365.5 | 1349.0 | 1332.6 |
| 157.5° | 1427.1 | 1402.7 | 1398.8 | 1382.7 | 1366.7 |
| 160°   | 1437.2 | 1417.8 | 1414.7 | 1402.2 | 1389.7 |
| 162.5° | 1447.9 | 1433.8 | 1431.5 | 1422.1 | 1412.8 |
| 165°   | 1463.3 | 1457.0 | 1454.9 | 1446.4 | 1437.9 |
| 167.5° | 1475.3 | 1470.0 | 1469.0 | 1464.9 | 1461.0 |
| 170°   | 1485.4 | 1485.1 | 1484.1 | 1480.1 | 1476.0 |
| 172.5° | 1486.1 | 1486.1 | 1485.9 | 1484.9 | 1484.0 |
| 175°   | 1492.1 | 1495.1 | 1495.1 | 1495.1 | 1495.1 |
| 177.5° | 1492.7 | 1495.1 | 1495.1 | 1495.1 | 1495.1 |
| 180°   | 1495.1 | 1495.1 | 1495.1 | 1495.1 | 1495.1 |

TEST NUMBER: P935494

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-W2A-W-8-3500K

**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 | 8.59             | 9.27  | 9.72  | 10.40 | 11.96 | 11.43          | 12.11 | 12.56 | 13.24 | 14.80 |
|                 | 3H   | 9.05             | 9.66  | 10.19 | 10.80 | 12.38 | 12.76          | 13.37 | 13.90 | 14.51 | 16.09 |
|                 | 4H   | 9.23             | 9.82  | 10.38 | 10.95 | 12.54 | 13.20          | 13.78 | 14.35 | 14.91 | 16.50 |
|                 | 6H   | 9.34             | 9.88  | 10.50 | 11.01 | 12.61 | 13.47          | 14.01 | 14.63 | 15.15 | 16.74 |
|                 | 8H   | 9.34             | 9.85  | 10.50 | 11.00 | 12.59 | 13.54          | 14.05 | 14.71 | 15.21 | 16.80 |
|                 | 12H  | 9.30             | 9.79  | 10.47 | 10.93 | 12.55 | 13.58          | 14.06 | 14.74 | 15.21 | 16.82 |
| 4H              | 2H   | 9.60             | 10.18 | 10.76 | 11.32 | 12.90 | 11.81          | 12.40 | 12.97 | 13.53 | 15.12 |
|                 | 3H   | 10.61            | 11.10 | 11.77 | 12.25 | 13.85 | 13.30          | 13.79 | 14.47 | 14.95 | 16.55 |
|                 | 4H   | 10.88            | 11.33 | 12.04 | 12.47 | 14.09 | 13.83          | 14.27 | 14.99 | 15.42 | 17.04 |
|                 | 6H   | 10.99            | 11.38 | 12.16 | 12.55 | 14.15 | 14.18          | 14.57 | 15.35 | 15.74 | 17.34 |
|                 | 8H   | 10.99            | 11.35 | 12.16 | 12.51 | 14.14 | 14.29          | 14.64 | 15.46 | 15.80 | 17.43 |
|                 | 12H  | 10.95            | 11.28 | 12.14 | 12.45 | 14.08 | 14.34          | 14.66 | 15.52 | 15.83 | 17.46 |
| 8H              | 4H   | 11.32            | 11.68 | 12.49 | 12.84 | 14.46 | 13.94          | 14.29 | 15.11 | 15.45 | 17.08 |
|                 | 6H   | 11.57            | 11.87 | 12.76 | 13.07 | 14.69 | 14.37          | 14.66 | 15.56 | 15.87 | 17.49 |
|                 | 8H   | 11.61            | 11.87 | 12.81 | 13.05 | 14.70 | 14.52          | 14.77 | 15.71 | 15.96 | 17.60 |
|                 | 12H  | 11.59            | 11.82 | 12.79 | 12.99 | 14.67 | 14.61          | 14.84 | 15.81 | 16.01 | 17.69 |
| 12H             | 4H   | 11.32            | 11.64 | 12.50 | 12.81 | 14.44 | 13.89          | 14.22 | 15.08 | 15.39 | 17.02 |
|                 | 6H   | 11.63            | 11.89 | 12.83 | 13.07 | 14.71 | 14.36          | 14.62 | 15.56 | 15.80 | 17.44 |
|                 | 8H   | 11.69            | 11.92 | 12.89 | 13.10 | 14.77 | 14.52          | 14.74 | 15.71 | 15.92 | 17.60 |