

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: P935683

Luminaire Tested: SQ4-FA-125U-100D-B2750-1D-UNV-W2A-W-4-3000K

Issue Date: 12/17/2024

**Test Information**

Test Method: LM-79-2019  
Report Number: P935683  
REPORT IS A COMBINATION OF REPORTS P933762 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-125U-100D-B2750-1D-UNV-W2A-W-4-3000K  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

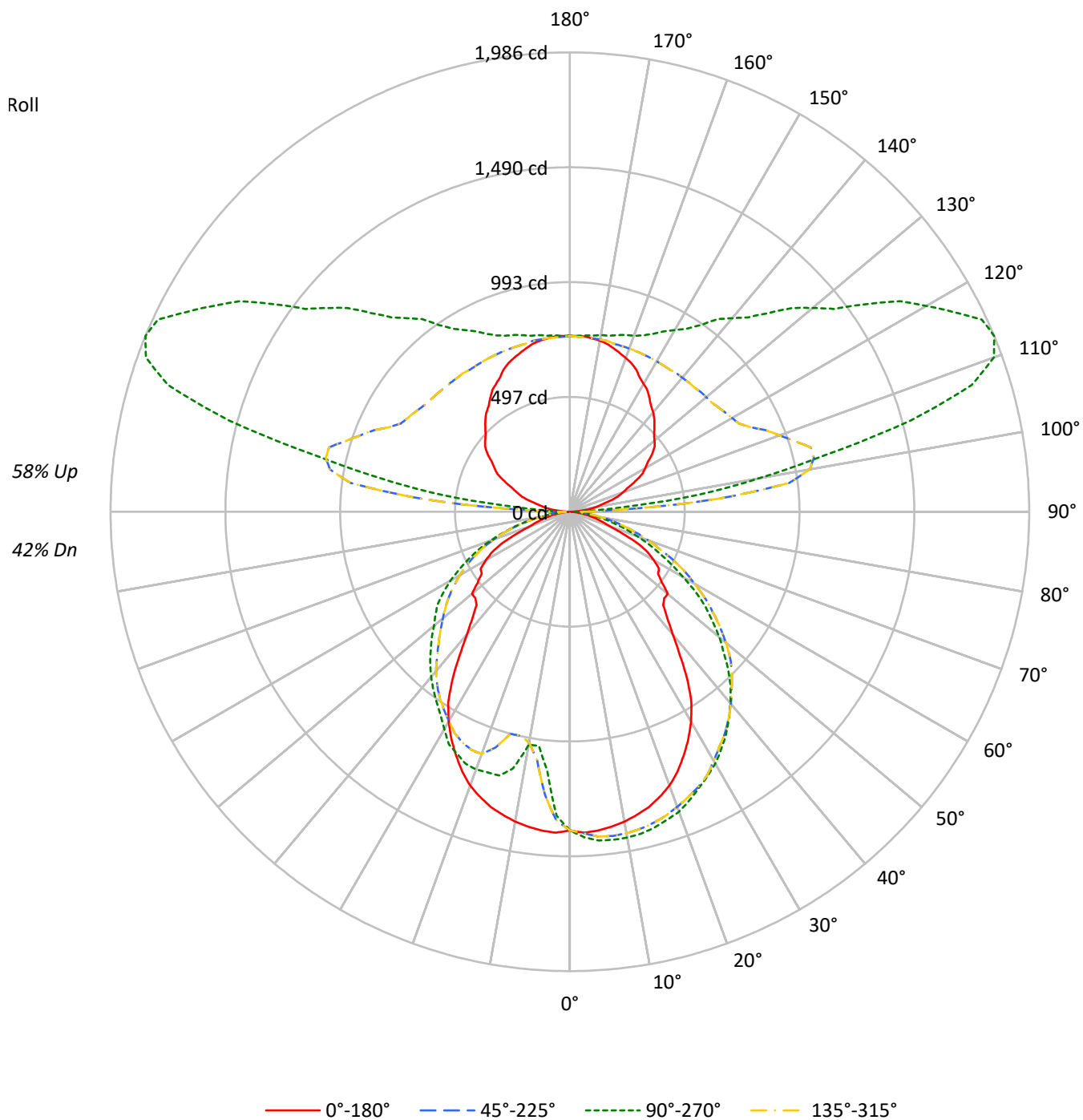
Lumens per Lamp: N/A  
Luminaire Lumens: 8504.3 lumens  
Efficiency: N/A  
Efficacy: 132.1 lumens/watt  
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36  
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 4' x H: 0.1')  
CIE Type: General Diffuse

Input Watts (W): 64.4  
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: P935683

CATALOG NUMBER: SQ4-FA-125U-100D-B2750-1D-UNV-W2A-W-4-3000K

### Luminous Intensity Polar Plot



TEST NUMBER: P935683

CATALOG NUMBER: SQ4-FA-125U-100D-B2750-1D-UNV-W2A-W-4-3000K

**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   | 105 | 105 | 105 | 105 | 96 | 96 | 96 | 96 | 79 | 79 | 79 | 63 | 63 | 63 | 49 | 49 | 49 | 49 | 49 | 49 |
| 1   | 96  | 92  | 88  | 85  | 88 | 84 | 81 | 78 | 69 | 67 | 65 | 56 | 54 | 53 | 43 | 42 | 41 | 41 | 41 | 41 |
| 2   | 87  | 80  | 74  | 69  | 80 | 73 | 68 | 64 | 61 | 57 | 54 | 49 | 46 | 44 | 38 | 36 | 35 | 35 | 35 | 35 |
| 3   | 80  | 70  | 63  | 57  | 72 | 65 | 58 | 53 | 53 | 49 | 45 | 43 | 40 | 37 | 34 | 31 | 30 | 30 | 30 | 30 |
| 4   | 73  | 62  | 54  | 49  | 66 | 57 | 50 | 45 | 47 | 42 | 38 | 38 | 35 | 32 | 30 | 28 | 25 | 25 | 25 | 25 |
| 5   | 67  | 55  | 47  | 41  | 61 | 51 | 44 | 39 | 42 | 37 | 33 | 34 | 31 | 27 | 27 | 24 | 22 | 22 | 22 | 22 |
| 6   | 62  | 50  | 42  | 36  | 56 | 46 | 39 | 33 | 38 | 33 | 29 | 31 | 27 | 24 | 24 | 22 | 19 | 19 | 19 | 19 |
| 7   | 57  | 45  | 37  | 31  | 52 | 41 | 34 | 29 | 34 | 29 | 25 | 28 | 24 | 21 | 22 | 19 | 17 | 17 | 17 | 17 |
| 8   | 53  | 40  | 33  | 28  | 48 | 37 | 31 | 26 | 31 | 26 | 22 | 26 | 22 | 19 | 20 | 18 | 15 | 15 | 15 | 15 |
| 9   | 49  | 37  | 30  | 25  | 45 | 34 | 27 | 23 | 29 | 24 | 20 | 24 | 20 | 17 | 19 | 16 | 14 | 14 | 14 | 14 |
| 10  | 46  | 34  | 27  | 22  | 42 | 31 | 25 | 21 | 26 | 21 | 18 | 22 | 18 | 15 | 17 | 15 | 13 | 13 | 13 | 13 |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 12777 | 12777 | 12777 | 12777 |
| 5°  | 12860 | 12898 | 12860 | 10142 |
| 10° | 12759 | 12705 | 12759 | 9084  |
| 15° | 12605 | 12429 | 12605 | 10379 |
| 20° | 12327 | 12104 | 12327 | 10401 |
| 25° | 11774 | 11629 | 11774 | 10180 |
| 30° | 11063 | 11234 | 11063 | 9697  |
| 35° | 9847  | 10734 | 9847  | 9165  |
| 40° | 8192  | 10146 | 8192  | 8764  |
| 45° | 7305  | 9457  | 7305  | 8301  |
| 50° | 7744  | 8637  | 7744  | 7837  |
| 55° | 7265  | 7753  | 7265  | 7569  |
| 60° | 7460  | 6584  | 7460  | 6932  |
| 65° | 6733  | 5443  | 6733  | 6085  |
| 70° | 4631  | 4338  | 4631  | 5100  |
| 75° | 4017  | 3206  | 4017  | 3839  |
| 80° | 3168  | 2119  | 3168  | 2309  |
| 85° | 1722  | 1123  | 1722  | 954   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°

Vertical Angle: 45°

Luminance: 11217 cd/sqm

TEST NUMBER: P935683

CATALOG NUMBER: SQ4-FA-125U-100D-B2750-1D-UNV-W2A-W-4-3000K

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 124.3  | 1.5       |
| 10°-20°   | 352.9  | 4.1       |
| 20°-30°   | 545.5  | 6.4       |
| 30°-40°   | 651.3  | 7.7       |
| 40°-50°   | 655.1  | 7.7       |
| 50°-60°   | 570.0  | 6.7       |
| 60°-70°   | 404.1  | 4.8       |
| 70°-80°   | 213.8  | 2.5       |
| 80°-90°   | 56.1   | 0.7       |
| 90°-100°  | 370.8  | 4.4       |
| 100°-110° | 974.8  | 11.5      |
| 110°-120° | 1010.8 | 11.9      |
| 120°-130° | 810.8  | 9.5       |
| 130°-140° | 636.2  | 7.5       |
| 140°-150° | 488.3  | 5.7       |
| 150°-160° | 351.6  | 4.1       |
| 160°-170° | 215.2  | 2.5       |
| 170°-180° | 72.7   | 0.9       |
| 0°-30°    | 1022.8 | 12.0      |
| 0°-40°    | 1674.0 | 19.7      |
| 0°-60°    | 2899.1 | 34.1      |
| 0°-90°    | 3573.2 | 42.0      |
| 90°-120°  | 2356.4 | 27.7      |
| 90°-150°  | 4291.6 | 50.5      |
| 90°-180°  | 4931.0 | 58.0      |
| 0°-180°   | 8504.3 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1377 | 1377 | 1377 | 1377 | 1377 |      |
| 5°   | 1384 | 1426 | 1384 | 1122 | 1384 | 131  |
| 15°  | 1321 | 1413 | 1321 | 1180 | 1321 | 372  |
| 25°  | 1163 | 1318 | 1163 | 1154 | 1163 | 534  |
| 35°  | 884  | 1176 | 884  | 1004 | 884  | 547  |
| 45°  | 571  | 969  | 571  | 851  | 571  | 457  |
| 55°  | 465  | 715  | 465  | 698  | 465  | 427  |
| 65°  | 323  | 431  | 323  | 482  | 323  | 309  |
| 75°  | 122  | 204  | 122  | 245  | 122  | 129  |
| 85°  | 21   | 52   | 21   | 44   | 21   | 28   |
| 90°  | 5    | 19   | 5    | 19   | 5    | 5    |
| 95°  | 49   | 224  | 49   | 224  | 49   | 54   |
| 105° | 176  | 1526 | 176  | 1526 | 176  | 186  |
| 115° | 312  | 1966 | 312  | 1966 | 312  | 308  |
| 125° | 434  | 1565 | 434  | 1565 | 434  | 385  |
| 135° | 517  | 1214 | 517  | 1214 | 517  | 400  |
| 145° | 600  | 985  | 600  | 985  | 600  | 376  |
| 155° | 678  | 848  | 678  | 848  | 678  | 312  |
| 165° | 732  | 790  | 732  | 790  | 732  | 206  |
| 175° | 761  | 766  | 761  | 766  | 761  | 72   |
| 180° | 761  | 761  | 761  | 761  | 761  |      |

TEST NUMBER: P935683

CATALOG NUMBER: SQ4-FA-125U-100D-B2750-1D-UNV-W2A-W-4-3000K

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 10°    | 20°    | 22.5°  | 30°    | 40°    | 45°    | 50°    | 60°    | 67.5°  | 70°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1376.9 | 1376.9 | 1376.9 | 1376.9 | 1376.9 | 1376.9 | 1376.9 | 1376.9 | 1376.9 | 1376.9 | 1376.9 |
| 2.5°   | 1388.7 | 1388.7 | 1396.6 | 1399.1 | 1399.1 | 1395.2 | 1391.3 | 1395.2 | 1406.9 | 1410.9 | 1409.6 |
| 5°     | 1383.6 | 1393.9 | 1408.3 | 1410.9 | 1413.4 | 1412.1 | 1409.6 | 1412.1 | 1425.2 | 1427.8 | 1429.1 |
| 7.5°   | 1373.1 | 1392.6 | 1410.9 | 1414.8 | 1418.7 | 1414.8 | 1413.4 | 1416.1 | 1429.1 | 1431.7 | 1431.7 |
| 10°    | 1360.1 | 1387.4 | 1408.3 | 1410.9 | 1414.8 | 1410.9 | 1410.9 | 1416.1 | 1429.1 | 1431.7 | 1433.1 |
| 12.5°  | 1341.8 | 1379.6 | 1399.1 | 1401.8 | 1406.9 | 1405.6 | 1404.4 | 1409.6 | 1422.6 | 1425.2 | 1425.2 |
| 15°    | 1320.9 | 1365.3 | 1383.6 | 1386.1 | 1395.2 | 1392.6 | 1392.6 | 1397.9 | 1412.1 | 1416.1 | 1414.8 |
| 17.5°  | 1292.4 | 1347.1 | 1367.9 | 1371.8 | 1378.3 | 1376.9 | 1378.3 | 1383.6 | 1396.6 | 1399.1 | 1400.4 |
| 20°    | 1259.7 | 1322.3 | 1347.1 | 1350.9 | 1357.4 | 1357.4 | 1357.4 | 1363.9 | 1376.9 | 1382.2 | 1382.2 |
| 22.5°  | 1215.4 | 1296.2 | 1322.3 | 1324.9 | 1332.7 | 1332.7 | 1335.3 | 1344.4 | 1356.1 | 1357.4 | 1357.4 |
| 25°    | 1163.4 | 1267.6 | 1289.7 | 1297.6 | 1305.4 | 1309.2 | 1313.2 | 1318.4 | 1322.3 | 1320.9 | 1322.3 |
| 27.5°  | 1108.7 | 1231.1 | 1259.7 | 1264.9 | 1275.4 | 1279.3 | 1284.5 | 1285.8 | 1287.1 | 1291.0 | 1288.4 |
| 30°    | 1047.4 | 1180.2 | 1223.2 | 1228.5 | 1245.4 | 1248.0 | 1242.9 | 1245.4 | 1251.9 | 1254.6 | 1257.2 |
| 32.5°  | 978.3  | 1104.7 | 1185.5 | 1197.2 | 1212.9 | 1205.0 | 1203.7 | 1207.7 | 1218.1 | 1218.1 | 1220.7 |
| 35°    | 884.5  | 1046.1 | 1150.4 | 1160.7 | 1172.5 | 1163.4 | 1168.5 | 1169.9 | 1176.4 | 1180.2 | 1179.0 |
| 37.5°  | 781.6  | 995.3  | 1113.9 | 1121.7 | 1130.7 | 1119.0 | 1126.9 | 1130.7 | 1136.0 | 1133.4 | 1133.4 |
| 40°    | 690.5  | 915.8  | 1070.9 | 1076.0 | 1083.9 | 1074.7 | 1082.5 | 1085.2 | 1087.8 | 1085.2 | 1083.9 |
| 42.5°  | 622.8  | 828.5  | 1025.2 | 1031.8 | 1026.5 | 1033.0 | 1035.7 | 1040.9 | 1037.0 | 1031.8 | 1031.8 |
| 45°    | 570.6  | 805.1  | 975.7  | 983.5  | 975.7  | 986.2  | 990.0  | 990.0  | 978.3  | 975.7  | 974.5  |
| 47.5°  | 553.6  | 758.2  | 926.2  | 926.2  | 922.3  | 935.3  | 941.9  | 932.8  | 921.0  | 917.2  | 917.2  |
| 50°    | 552.4  | 706.1  | 858.5  | 853.3  | 871.5  | 887.2  | 880.7  | 871.5  | 862.5  | 848.1  | 848.1  |
| 52.5°  | 501.6  | 642.3  | 771.2  | 790.8  | 819.5  | 828.5  | 818.1  | 809.0  | 793.3  | 786.8  | 781.6  |
| 55°    | 465.1  | 575.8  | 691.8  | 730.8  | 760.8  | 772.5  | 753.0  | 743.8  | 720.4  | 716.5  | 713.9  |
| 57.5°  | 457.3  | 479.4  | 618.8  | 668.3  | 704.8  | 703.5  | 691.8  | 674.8  | 655.3  | 651.4  | 650.1  |
| 60°    | 419.4  | 346.5  | 540.6  | 599.3  | 637.1  | 633.1  | 622.8  | 607.1  | 588.8  | 586.3  | 583.6  |
| 62.5°  | 380.4  | 251.4  | 452.1  | 518.5  | 571.9  | 570.6  | 561.5  | 538.1  | 525.0  | 518.5  | 513.3  |
| 65°    | 323.1  | 211.0  | 321.7  | 431.2  | 508.1  | 510.6  | 491.1  | 474.2  | 459.9  | 452.1  | 450.7  |
| 67.5°  | 246.2  | 172.0  | 217.5  | 359.6  | 446.9  | 444.2  | 419.4  | 411.7  | 393.4  | 389.5  | 381.7  |
| 70°    | 182.4  | 114.7  | 151.2  | 291.9  | 386.9  | 380.4  | 360.9  | 351.7  | 334.8  | 325.7  | 320.4  |
| 72.5°  | 151.2  | 92.5   | 110.7  | 226.7  | 325.7  | 317.9  | 300.9  | 290.5  | 276.2  | 268.4  | 263.2  |
| 75°    | 122.5  | 97.7   | 84.7   | 168.0  | 264.4  | 259.2  | 243.6  | 233.2  | 221.5  | 211.0  | 212.4  |
| 77.5°  | 89.9   | 91.2   | 67.7   | 123.7  | 209.7  | 201.9  | 192.8  | 179.7  | 174.5  | 164.2  | 164.2  |
| 80°    | 67.7   | 71.7   | 50.8   | 84.7   | 151.2  | 151.2  | 143.3  | 134.2  | 125.0  | 119.9  | 119.9  |
| 82.5°  | 45.6   | 45.6   | 37.8   | 53.4   | 102.9  | 99.0   | 93.8   | 91.2   | 86.0   | 83.4   | 83.4   |
| 85°    | 20.8   | 26.0   | 23.5   | 32.5   | 56.0   | 58.7   | 58.7   | 56.0   | 54.7   | 52.1   | 53.4   |
| 87.5°  | 6.5    | 11.7   | 14.3   | 18.2   | 28.7   | 30.0   | 31.3   | 31.3   | 31.3   | 32.5   | 32.5   |
| 90°    | 5.1    | 9.2    | 13.3   | 14.3   | 22.5   | 33.3   | 38.7   | 34.4   | 25.8   | 19.4   | 19.4   |
| 92.5°  | 20.4   | 55.1   | 89.8   | 98.5   | 138.5  | 191.9  | 218.5  | 191.5  | 137.5  | 97.0   | 93.2   |
| 95°    | 49.0   | 112.5  | 176.1  | 192.0  | 340.9  | 539.3  | 638.6  | 569.9  | 432.5  | 329.3  | 317.6  |
| 97.5°  | 84.7   | 140.7  | 196.8  | 210.8  | 459.1  | 790.1  | 955.6  | 912.1  | 825.3  | 760.1  | 737.9  |
| 100°   | 112.3  | 163.2  | 214.0  | 226.7  | 502.2  | 869.5  | 1053.1 | 1056.3 | 1062.7 | 1067.4 | 1040.9 |
| 102.5° | 135.8  | 183.2  | 230.6  | 242.5  | 521.9  | 894.5  | 1080.8 | 1136.2 | 1246.9 | 1329.9 | 1307.2 |
| 105°   | 175.6  | 215.8  | 256.0  | 266.0  | 536.6  | 897.4  | 1077.7 | 1201.8 | 1450.0 | 1636.2 | 1623.9 |
| 107.5° | 216.4  | 253.9  | 291.4  | 300.7  | 539.3  | 857.4  | 1016.5 | 1189.6 | 1535.8 | 1795.4 | 1798.4 |
| 110°   | 244.0  | 277.9  | 311.6  | 320.1  | 535.2  | 822.0  | 965.4  | 1158.9 | 1546.0 | 1836.3 | 1849.0 |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 10°   | 20°   | 22.5° | 30°   | 40°   | 45°   | 50°    | 60°    | 67.5°  | 70°    |
|--------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|
| 112.5° | 271.1 | 303.3 | 335.4 | 343.5 | 535.3 | 791.1 | 919.0 | 1117.0 | 1513.2 | 1810.3 | 1829.8 |
| 115°   | 311.9 | 341.6 | 371.4 | 378.8 | 540.3 | 755.6 | 863.2 | 1054.0 | 1435.7 | 1722.0 | 1749.0 |
| 117.5° | 352.3 | 379.3 | 406.3 | 413.0 | 550.4 | 733.5 | 825.0 | 997.1  | 1341.6 | 1599.9 | 1629.9 |
| 120°   | 375.8 | 401.2 | 426.6 | 433.0 | 558.6 | 726.0 | 809.7 | 967.1  | 1281.7 | 1517.7 | 1546.9 |
| 122.5° | 398.7 | 424.4 | 450.0 | 456.4 | 570.3 | 722.0 | 798.0 | 939.7  | 1223.0 | 1435.5 | 1464.3 |
| 125°   | 433.9 | 457.3 | 480.7 | 486.5 | 586.1 | 718.8 | 785.2 | 905.5  | 1146.2 | 1326.8 | 1353.3 |
| 127.5° | 462.5 | 486.1 | 509.7 | 515.6 | 601.9 | 716.9 | 774.4 | 877.7  | 1084.5 | 1239.5 | 1261.9 |
| 130°   | 477.8 | 503.3 | 528.7 | 535.0 | 613.5 | 718.1 | 770.4 | 862.4  | 1046.3 | 1184.4 | 1205.0 |
| 132.5° | 493.7 | 519.1 | 544.6 | 550.9 | 622.9 | 718.8 | 766.8 | 849.1  | 1013.9 | 1137.4 | 1155.9 |
| 135°   | 517.2 | 540.3 | 563.4 | 569.2 | 633.0 | 718.1 | 760.7 | 829.7  | 967.7  | 1071.1 | 1087.1 |
| 137.5° | 541.1 | 564.0 | 587.0 | 592.7 | 648.3 | 722.5 | 759.6 | 817.9  | 934.5  | 1022.0 | 1035.0 |
| 140°   | 561.0 | 582.1 | 603.2 | 608.6 | 657.8 | 723.3 | 756.1 | 806.4  | 907.2  | 982.7  | 995.0  |
| 142.5° | 576.3 | 595.8 | 615.4 | 620.3 | 665.6 | 725.9 | 756.1 | 800.3  | 888.8  | 955.1  | 965.6  |
| 145°   | 599.9 | 616.8 | 633.9 | 638.1 | 675.7 | 725.9 | 750.9 | 787.1  | 859.5  | 913.8  | 921.8  |
| 147.5° | 623.3 | 639.9 | 656.5 | 660.6 | 690.7 | 730.8 | 750.9 | 779.4  | 836.4  | 879.1  | 885.7  |
| 150°   | 638.6 | 653.6 | 668.6 | 672.4 | 698.6 | 733.5 | 750.9 | 775.0  | 823.1  | 859.2  | 864.5  |
| 152.5° | 654.5 | 665.8 | 677.2 | 680.0 | 703.7 | 735.2 | 750.9 | 771.4  | 812.6  | 843.3  | 847.4  |
| 155°   | 678.0 | 686.4 | 694.7 | 696.8 | 714.8 | 738.9 | 750.9 | 767.3  | 799.9  | 824.5  | 827.2  |
| 157.5° | 695.3 | 703.5 | 711.6 | 713.7 | 726.1 | 742.7 | 750.9 | 763.7  | 789.1  | 808.1  | 810.0  |
| 160°   | 707.1 | 713.4 | 719.8 | 721.4 | 731.2 | 744.3 | 750.9 | 761.8  | 783.6  | 799.9  | 801.0  |
| 162.5° | 718.8 | 723.5 | 728.4 | 729.5 | 736.6 | 746.2 | 750.9 | 760.1  | 778.5  | 792.3  | 793.3  |
| 165°   | 731.5 | 735.9 | 740.2 | 741.3 | 744.5 | 748.8 | 750.9 | 757.5  | 770.7  | 780.5  | 781.6  |
| 167.5° | 743.3 | 745.3 | 747.4 | 747.9 | 750.6 | 754.3 | 756.1 | 760.4  | 769.0  | 775.5  | 776.0  |
| 170°   | 750.9 | 753.0 | 755.1 | 755.6 | 755.8 | 756.0 | 756.1 | 760.4  | 769.0  | 775.5  | 775.5  |
| 172.5° | 755.1 | 755.5 | 756.0 | 756.1 | 756.1 | 756.1 | 756.1 | 759.4  | 766.2  | 771.3  | 771.0  |
| 175°   | 760.7 | 760.7 | 760.7 | 760.7 | 759.1 | 757.1 | 756.1 | 758.2  | 762.5  | 765.7  | 765.7  |
| 177.5° | 760.7 | 760.7 | 760.7 | 760.7 | 759.5 | 757.8 | 757.1 | 758.7  | 762.2  | 764.7  | 764.2  |
| 180°   | 760.7 | 760.7 | 760.7 | 760.7 | 760.7 | 760.7 | 760.7 | 760.7  | 760.7  | 760.7  | 760.7  |

TEST NUMBER: P935683

CATALOG NUMBER: SQ4-FA-125U-100D-B2750-1D-UNV-W2A-W-4-3000K

**CANDELA DISTRIBUTION (continued):**

|        | 80°    | 90°    | 100°   | 110°   | 112.5° | 120°   | 130°   | 135°   | 140°   | 150°   | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1376.9 | 1376.9 | 1376.9 | 1376.9 | 1376.9 | 1376.9 | 1376.9 | 1376.9 | 1376.9 | 1376.9 | 1376.9 |
| 2.5°   | 1412.1 | 1408.3 | 1412.1 | 1409.6 | 1410.9 | 1406.9 | 1395.2 | 1391.3 | 1395.2 | 1399.1 | 1399.1 |
| 5°     | 1429.1 | 1426.5 | 1429.1 | 1429.1 | 1427.8 | 1425.2 | 1412.1 | 1409.6 | 1412.1 | 1413.4 | 1410.9 |
| 7.5°   | 1434.3 | 1430.4 | 1434.3 | 1431.7 | 1431.7 | 1429.1 | 1416.1 | 1413.4 | 1414.8 | 1418.7 | 1414.8 |
| 10°    | 1434.3 | 1430.4 | 1434.3 | 1433.1 | 1431.7 | 1429.1 | 1416.1 | 1410.9 | 1410.9 | 1414.8 | 1410.9 |
| 12.5°  | 1427.8 | 1425.2 | 1427.8 | 1425.2 | 1425.2 | 1422.6 | 1409.6 | 1404.4 | 1405.6 | 1406.9 | 1401.8 |
| 15°    | 1417.4 | 1413.4 | 1417.4 | 1414.8 | 1416.1 | 1412.1 | 1397.9 | 1392.6 | 1392.6 | 1395.2 | 1386.1 |
| 17.5°  | 1401.8 | 1396.6 | 1401.8 | 1400.4 | 1399.1 | 1396.6 | 1383.6 | 1378.3 | 1376.9 | 1378.3 | 1371.8 |
| 20°    | 1383.6 | 1379.6 | 1383.6 | 1382.2 | 1382.2 | 1376.9 | 1363.9 | 1357.4 | 1357.4 | 1357.4 | 1350.9 |
| 22.5°  | 1354.9 | 1350.9 | 1354.9 | 1357.4 | 1357.4 | 1356.1 | 1344.4 | 1335.3 | 1332.7 | 1332.7 | 1324.9 |
| 25°    | 1322.3 | 1318.4 | 1322.3 | 1322.3 | 1320.9 | 1322.3 | 1318.4 | 1313.2 | 1309.2 | 1305.4 | 1297.6 |
| 27.5°  | 1291.0 | 1288.4 | 1291.0 | 1288.4 | 1291.0 | 1287.1 | 1285.8 | 1284.5 | 1279.3 | 1275.4 | 1264.9 |
| 30°    | 1259.7 | 1257.2 | 1259.7 | 1257.2 | 1254.6 | 1251.9 | 1245.4 | 1242.9 | 1248.0 | 1245.4 | 1228.5 |
| 32.5°  | 1220.7 | 1218.1 | 1220.7 | 1220.7 | 1218.1 | 1218.1 | 1207.7 | 1203.7 | 1205.0 | 1212.9 | 1197.2 |
| 35°    | 1180.2 | 1176.4 | 1180.2 | 1179.0 | 1180.2 | 1176.4 | 1169.9 | 1168.5 | 1163.4 | 1172.5 | 1160.7 |
| 37.5°  | 1133.4 | 1129.5 | 1133.4 | 1133.4 | 1133.4 | 1136.0 | 1130.7 | 1126.9 | 1119.0 | 1130.7 | 1121.7 |
| 40°    | 1085.2 | 1080.0 | 1085.2 | 1083.9 | 1085.2 | 1087.8 | 1085.2 | 1082.5 | 1074.7 | 1083.9 | 1076.0 |
| 42.5°  | 1030.5 | 1029.2 | 1030.5 | 1031.8 | 1031.8 | 1037.0 | 1040.9 | 1035.7 | 1033.0 | 1026.5 | 1031.8 |
| 45°    | 971.8  | 969.2  | 971.8  | 974.5  | 975.7  | 978.3  | 990.0  | 990.0  | 986.2  | 975.7  | 983.5  |
| 47.5°  | 909.3  | 902.8  | 909.3  | 917.2  | 917.2  | 921.0  | 932.8  | 941.9  | 935.3  | 922.3  | 926.2  |
| 50°    | 842.8  | 844.2  | 842.8  | 848.1  | 848.1  | 862.5  | 871.5  | 880.7  | 887.2  | 871.5  | 853.3  |
| 52.5°  | 777.8  | 776.5  | 777.8  | 781.6  | 786.8  | 793.3  | 809.0  | 818.1  | 828.5  | 819.5  | 790.8  |
| 55°    | 712.6  | 715.2  | 712.6  | 713.9  | 716.5  | 720.4  | 743.8  | 753.0  | 772.5  | 760.8  | 730.8  |
| 57.5°  | 647.5  | 643.6  | 647.5  | 650.1  | 651.4  | 655.3  | 674.8  | 691.8  | 703.5  | 704.8  | 668.3  |
| 60°    | 571.9  | 566.7  | 571.9  | 583.6  | 586.3  | 588.8  | 607.1  | 622.8  | 633.1  | 637.1  | 599.3  |
| 62.5°  | 505.4  | 496.4  | 505.4  | 513.3  | 518.5  | 525.0  | 538.1  | 561.5  | 570.6  | 571.9  | 518.5  |
| 65°    | 435.1  | 431.2  | 435.1  | 450.7  | 452.1  | 459.9  | 474.2  | 491.1  | 510.6  | 508.1  | 431.2  |
| 67.5°  | 371.3  | 371.3  | 371.3  | 381.7  | 389.5  | 393.4  | 411.7  | 419.4  | 444.2  | 446.9  | 359.6  |
| 70°    | 312.7  | 311.4  | 312.7  | 320.4  | 325.7  | 334.8  | 351.7  | 360.9  | 380.4  | 386.9  | 291.9  |
| 72.5°  | 256.7  | 255.4  | 256.7  | 263.2  | 268.4  | 276.2  | 290.5  | 300.9  | 317.9  | 325.7  | 226.7  |
| 75°    | 207.2  | 204.5  | 207.2  | 212.4  | 211.0  | 221.5  | 233.2  | 243.6  | 259.2  | 264.4  | 168.0  |
| 77.5°  | 158.9  | 158.9  | 158.9  | 164.2  | 164.2  | 174.5  | 179.7  | 192.8  | 201.9  | 209.7  | 123.7  |
| 80°    | 118.5  | 117.2  | 118.5  | 119.9  | 119.9  | 125.0  | 134.2  | 143.3  | 151.2  | 151.2  | 84.7   |
| 82.5°  | 83.4   | 80.8   | 83.4   | 83.4   | 83.4   | 86.0   | 91.2   | 93.8   | 99.0   | 102.9  | 53.4   |
| 85°    | 52.1   | 52.1   | 52.1   | 53.4   | 52.1   | 54.7   | 56.0   | 58.7   | 58.7   | 56.0   | 32.5   |
| 87.5°  | 33.9   | 32.5   | 33.9   | 32.5   | 32.5   | 31.3   | 31.3   | 31.3   | 30.0   | 28.7   | 18.2   |
| 90°    | 19.4   | 19.4   | 19.4   | 19.4   | 19.4   | 25.8   | 34.4   | 38.7   | 33.3   | 22.5   | 14.3   |
| 92.5°  | 77.7   | 62.3   | 77.7   | 93.2   | 97.0   | 137.5  | 191.5  | 218.5  | 191.9  | 138.5  | 98.5   |
| 95°    | 270.9  | 224.1  | 270.9  | 317.6  | 329.3  | 432.5  | 569.9  | 638.6  | 539.3  | 340.9  | 192.0  |
| 97.5°  | 649.0  | 560.0  | 649.0  | 737.9  | 760.1  | 825.3  | 912.1  | 955.6  | 790.1  | 459.1  | 210.8  |
| 100°   | 935.0  | 829.0  | 935.0  | 1040.9 | 1067.4 | 1062.7 | 1056.3 | 1053.1 | 869.5  | 502.2  | 226.7  |
| 102.5° | 1216.4 | 1125.7 | 1216.4 | 1307.2 | 1329.9 | 1246.9 | 1136.2 | 1080.8 | 894.5  | 521.9  | 242.5  |
| 105°   | 1575.2 | 1526.4 | 1575.2 | 1623.9 | 1636.2 | 1450.0 | 1201.8 | 1077.7 | 897.4  | 536.6  | 266.0  |
| 107.5° | 1810.2 | 1822.0 | 1810.2 | 1798.4 | 1795.4 | 1535.8 | 1189.6 | 1016.5 | 857.4  | 539.3  | 300.7  |
| 110°   | 1899.8 | 1950.6 | 1899.8 | 1849.0 | 1836.3 | 1546.0 | 1158.9 | 965.4  | 822.0  | 535.2  | 320.1  |

TEST NUMBER: P935683

CATALOG NUMBER: SQ4-FA-125U-100D-B2750-1D-UNV-W2A-W-4-3000K

**CANDELA DISTRIBUTION (continued):**

|        | 80°    | 90°    | 100°   | 110°   | 112.5° | 120°   | 130°   | 135°  | 140°  | 150°  | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|--------|
| 112.5° | 1907.8 | 1985.9 | 1907.8 | 1829.8 | 1810.3 | 1513.2 | 1117.0 | 919.0 | 791.1 | 535.3 | 343.5  |
| 115°   | 1857.2 | 1965.5 | 1857.2 | 1749.0 | 1722.0 | 1435.7 | 1054.0 | 863.2 | 755.6 | 540.3 | 378.8  |
| 117.5° | 1750.0 | 1869.9 | 1750.0 | 1629.9 | 1599.9 | 1341.6 | 997.1  | 825.0 | 733.5 | 550.4 | 413.0  |
| 120°   | 1663.5 | 1780.1 | 1663.5 | 1546.9 | 1517.7 | 1281.7 | 967.1  | 809.7 | 726.0 | 558.6 | 433.0  |
| 122.5° | 1579.3 | 1694.3 | 1579.3 | 1464.3 | 1435.5 | 1223.0 | 939.7  | 798.0 | 722.0 | 570.3 | 456.4  |
| 125°   | 1459.2 | 1565.2 | 1459.2 | 1353.3 | 1326.8 | 1146.2 | 905.5  | 785.2 | 718.8 | 586.1 | 486.5  |
| 127.5° | 1351.2 | 1440.6 | 1351.2 | 1261.9 | 1239.5 | 1084.5 | 877.7  | 774.4 | 716.9 | 601.9 | 515.6  |
| 130°   | 1287.6 | 1370.2 | 1287.6 | 1205.0 | 1184.4 | 1046.3 | 862.4  | 770.4 | 718.1 | 613.5 | 535.0  |
| 132.5° | 1229.8 | 1303.8 | 1229.8 | 1155.9 | 1137.4 | 1013.9 | 849.1  | 766.8 | 718.8 | 622.9 | 550.9  |
| 135°   | 1150.8 | 1214.5 | 1150.8 | 1087.1 | 1071.1 | 967.7  | 829.7  | 760.7 | 718.1 | 633.0 | 569.2  |
| 137.5° | 1087.3 | 1139.4 | 1087.3 | 1035.0 | 1022.0 | 934.5  | 817.9  | 759.6 | 722.5 | 648.3 | 592.7  |
| 140°   | 1043.7 | 1092.5 | 1043.7 | 995.0  | 982.7  | 907.2  | 806.4  | 756.1 | 723.3 | 657.8 | 608.6  |
| 142.5° | 1007.6 | 1049.6 | 1007.6 | 965.6  | 955.1  | 888.8  | 800.3  | 756.1 | 725.9 | 665.6 | 620.3  |
| 145°   | 953.6  | 985.3  | 953.6  | 921.8  | 913.8  | 859.5  | 787.1  | 750.9 | 725.9 | 675.7 | 638.1  |
| 147.5° | 912.0  | 938.3  | 912.0  | 885.7  | 879.1  | 836.4  | 779.4  | 750.9 | 730.8 | 690.7 | 660.6  |
| 150°   | 885.9  | 907.2  | 885.9  | 864.5  | 859.2  | 823.1  | 775.0  | 750.9 | 733.5 | 698.6 | 672.4  |
| 152.5° | 863.4  | 879.6  | 863.4  | 847.4  | 843.3  | 812.6  | 771.4  | 750.9 | 735.2 | 703.7 | 680.0  |
| 155°   | 837.8  | 848.5  | 837.8  | 827.2  | 824.5  | 799.9  | 767.3  | 750.9 | 738.9 | 714.8 | 696.8  |
| 157.5° | 817.5  | 825.0  | 817.5  | 810.0  | 808.1  | 789.1  | 763.7  | 750.9 | 742.7 | 726.1 | 713.7  |
| 160°   | 805.4  | 809.7  | 805.4  | 801.0  | 799.9  | 783.6  | 761.8  | 750.9 | 744.3 | 731.2 | 721.4  |
| 162.5° | 797.5  | 801.5  | 797.5  | 793.3  | 792.3  | 778.5  | 760.1  | 750.9 | 746.2 | 736.6 | 729.5  |
| 165°   | 785.9  | 790.3  | 785.9  | 781.6  | 780.5  | 770.7  | 757.5  | 750.9 | 748.8 | 744.5 | 741.3  |
| 167.5° | 777.8  | 779.5  | 777.8  | 776.0  | 775.5  | 769.0  | 760.4  | 756.1 | 754.3 | 750.6 | 747.9  |
| 170°   | 775.5  | 775.5  | 775.5  | 775.5  | 775.5  | 769.0  | 760.4  | 756.1 | 756.0 | 755.8 | 755.6  |
| 172.5° | 769.4  | 767.8  | 769.4  | 771.0  | 771.3  | 766.2  | 759.4  | 756.1 | 756.1 | 756.1 | 756.1  |
| 175°   | 765.7  | 765.7  | 765.7  | 765.7  | 765.7  | 762.5  | 758.2  | 756.1 | 757.1 | 759.1 | 760.7  |
| 177.5° | 762.5  | 760.7  | 762.5  | 764.2  | 764.7  | 762.2  | 758.7  | 757.1 | 757.8 | 759.5 | 760.7  |
| 180°   | 760.7  | 760.7  | 760.7  | 760.7  | 760.7  | 760.7  | 760.7  | 760.7 | 760.7 | 760.7 | 760.7  |

TEST NUMBER: P935683

CATALOG NUMBER: SQ4-FA-125U-100D-B2750-1D-UNV-W2A-W-4-3000K

**CANDELA DISTRIBUTION (continued):**

|        | 160°   | 170°   | 180°   | 190°   | 200°   | 202.5° | 210°   | 220°   | 225°   | 230°   | 240°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1376.9 | 1376.9 | 1376.9 | 1376.9 | 1376.9 | 1376.9 | 1376.9 | 1376.9 | 1376.9 | 1376.9 | 1376.9 |
| 2.5°   | 1396.6 | 1388.7 | 1388.7 | 1375.7 | 1370.4 | 1366.6 | 1360.1 | 1340.6 | 1335.3 | 1330.1 | 1337.9 |
| 5°     | 1408.3 | 1393.9 | 1383.6 | 1360.1 | 1340.6 | 1332.7 | 1307.9 | 1261.1 | 1229.7 | 1206.4 | 1193.4 |
| 7.5°   | 1410.9 | 1392.6 | 1373.1 | 1336.6 | 1289.7 | 1268.9 | 1193.4 | 1107.4 | 1083.9 | 1063.0 | 1050.0 |
| 10°    | 1408.3 | 1387.4 | 1360.1 | 1305.4 | 1194.6 | 1158.2 | 1082.5 | 1026.5 | 1012.2 | 1008.3 | 1012.2 |
| 12.5°  | 1399.1 | 1379.6 | 1341.8 | 1250.6 | 1095.6 | 1070.9 | 1026.5 | 994.0  | 991.4  | 997.9  | 1033.0 |
| 15°    | 1383.6 | 1365.3 | 1320.9 | 1177.7 | 1040.9 | 1022.7 | 991.4  | 979.7  | 994.0  | 1039.5 | 1145.1 |
| 17.5°  | 1367.9 | 1347.1 | 1292.4 | 1106.0 | 999.2  | 986.2  | 964.0  | 987.5  | 1068.2 | 1129.5 | 1164.7 |
| 20°    | 1347.1 | 1322.3 | 1259.7 | 1053.9 | 969.2  | 957.5  | 947.1  | 1052.7 | 1113.9 | 1136.0 | 1155.5 |
| 22.5°  | 1322.3 | 1296.2 | 1215.4 | 1017.5 | 938.0  | 928.8  | 935.3  | 1089.1 | 1113.9 | 1129.5 | 1146.4 |
| 25°    | 1289.7 | 1267.6 | 1163.4 | 988.8  | 913.2  | 902.8  | 927.5  | 1085.2 | 1099.5 | 1103.4 | 1137.3 |
| 27.5°  | 1259.7 | 1231.1 | 1108.7 | 962.7  | 883.3  | 879.3  | 934.0  | 1068.2 | 1078.7 | 1082.5 | 1119.0 |
| 30°    | 1223.2 | 1180.2 | 1047.4 | 935.3  | 852.0  | 850.7  | 935.3  | 1047.4 | 1044.8 | 1055.2 | 1091.7 |
| 32.5°  | 1185.5 | 1104.7 | 978.3  | 901.5  | 822.0  | 820.7  | 926.2  | 1016.2 | 1013.5 | 1027.9 | 1055.2 |
| 35°    | 1150.4 | 1046.1 | 884.5  | 862.5  | 784.3  | 785.5  | 904.1  | 979.7  | 981.0  | 994.0  | 1010.9 |
| 37.5°  | 1113.9 | 995.3  | 781.6  | 819.5  | 747.8  | 747.8  | 874.1  | 945.8  | 943.2  | 947.1  | 970.5  |
| 40°    | 1070.9 | 915.8  | 690.5  | 763.4  | 713.9  | 710.0  | 837.7  | 909.3  | 900.2  | 898.9  | 931.5  |
| 42.5°  | 1025.2 | 828.5  | 622.8  | 689.1  | 674.8  | 669.6  | 793.3  | 865.0  | 848.1  | 852.0  | 893.7  |
| 45°    | 975.7  | 805.1  | 570.6  | 582.3  | 634.4  | 630.5  | 745.1  | 814.2  | 802.5  | 813.0  | 855.9  |
| 47.5°  | 926.2  | 758.2  | 553.6  | 483.3  | 591.4  | 590.1  | 691.8  | 764.7  | 758.2  | 768.6  | 814.2  |
| 50°    | 858.5  | 706.1  | 552.4  | 414.3  | 543.3  | 548.4  | 627.9  | 716.5  | 716.5  | 725.6  | 773.8  |
| 52.5°  | 771.2  | 642.3  | 501.6  | 375.2  | 487.2  | 502.9  | 571.9  | 674.8  | 677.4  | 686.6  | 729.5  |
| 55°    | 691.8  | 575.8  | 465.1  | 345.2  | 420.8  | 454.6  | 517.2  | 631.8  | 637.1  | 646.1  | 685.3  |
| 57.5°  | 618.8  | 479.4  | 457.3  | 310.1  | 359.6  | 392.1  | 468.9  | 590.1  | 592.8  | 600.6  | 638.3  |
| 60°    | 540.6  | 346.5  | 419.4  | 272.2  | 306.2  | 330.9  | 424.7  | 540.6  | 549.8  | 554.9  | 587.6  |
| 62.5°  | 452.1  | 251.4  | 380.4  | 246.2  | 280.1  | 285.3  | 388.2  | 493.7  | 505.4  | 509.4  | 528.9  |
| 65°    | 321.7  | 211.0  | 323.1  | 224.1  | 252.7  | 254.0  | 349.1  | 445.6  | 455.9  | 462.4  | 476.8  |
| 67.5°  | 217.5  | 172.0  | 246.2  | 203.2  | 231.9  | 233.2  | 311.4  | 389.5  | 403.9  | 409.1  | 418.2  |
| 70°    | 151.2  | 114.7  | 182.4  | 181.1  | 208.4  | 211.0  | 271.0  | 338.7  | 351.7  | 355.7  | 360.9  |
| 72.5°  | 110.7  | 92.5   | 151.2  | 162.9  | 183.7  | 186.3  | 229.2  | 281.4  | 294.4  | 298.4  | 300.9  |
| 75°    | 84.7   | 97.7   | 122.5  | 142.0  | 156.3  | 157.7  | 187.6  | 229.2  | 238.4  | 241.0  | 242.3  |
| 77.5°  | 67.7   | 91.2   | 89.9   | 114.7  | 127.7  | 125.0  | 147.2  | 177.2  | 185.0  | 185.0  | 185.0  |
| 80°    | 50.8   | 71.7   | 67.7   | 82.0   | 93.8   | 91.2   | 105.5  | 126.4  | 129.0  | 131.5  | 130.3  |
| 82.5°  | 37.8   | 45.6   | 45.6   | 52.1   | 62.5   | 59.9   | 70.3   | 82.0   | 82.0   | 82.0   | 84.7   |
| 85°    | 23.5   | 26.0   | 20.8   | 27.3   | 35.2   | 33.9   | 39.0   | 44.3   | 45.6   | 45.6   | 43.0   |
| 87.5°  | 14.3   | 11.7   | 6.5    | 10.5   | 15.7   | 15.7   | 18.2   | 19.5   | 18.2   | 18.2   | 18.2   |
| 90°    | 13.3   | 9.2    | 5.1    | 9.2    | 13.3   | 14.3   | 22.5   | 33.3   | 38.7   | 34.4   | 25.8   |
| 92.5°  | 89.8   | 55.1   | 20.4   | 55.1   | 89.8   | 98.5   | 138.5  | 191.9  | 218.5  | 191.5  | 137.5  |
| 95°    | 176.1  | 112.5  | 49.0   | 112.5  | 176.1  | 192.0  | 340.9  | 539.3  | 638.6  | 569.9  | 432.5  |
| 97.5°  | 196.8  | 140.7  | 84.7   | 140.7  | 196.8  | 210.8  | 459.1  | 790.1  | 955.6  | 912.1  | 825.3  |
| 100°   | 214.0  | 163.2  | 112.3  | 163.2  | 214.0  | 226.7  | 502.2  | 869.5  | 1053.1 | 1056.3 | 1062.7 |
| 102.5° | 230.6  | 183.2  | 135.8  | 183.2  | 230.6  | 242.5  | 521.9  | 894.5  | 1080.8 | 1136.2 | 1246.9 |
| 105°   | 256.0  | 215.8  | 175.6  | 215.8  | 256.0  | 266.0  | 536.6  | 897.4  | 1077.7 | 1201.8 | 1450.0 |
| 107.5° | 291.4  | 253.9  | 216.4  | 253.9  | 291.4  | 300.7  | 539.3  | 857.4  | 1016.5 | 1189.6 | 1535.8 |
| 110°   | 311.6  | 277.9  | 244.0  | 277.9  | 311.6  | 320.1  | 535.2  | 822.0  | 965.4  | 1158.9 | 1546.0 |



TEST NUMBER: P935683

CATALOG NUMBER: SQ4-FA-125U-100D-B2750-1D-UNV-W2A-W-4-3000K

**CANDELA DISTRIBUTION (continued):**

|        | 160°  | 170°  | 180°  | 190°  | 200°  | 202.5° | 210°  | 220°  | 225°  | 230°   | 240°   |
|--------|-------|-------|-------|-------|-------|--------|-------|-------|-------|--------|--------|
| 112.5° | 335.4 | 303.3 | 271.1 | 303.3 | 335.4 | 343.5  | 535.3 | 791.1 | 919.0 | 1117.0 | 1513.2 |
| 115°   | 371.4 | 341.6 | 311.9 | 341.6 | 371.4 | 378.8  | 540.3 | 755.6 | 863.2 | 1054.0 | 1435.7 |
| 117.5° | 406.3 | 379.3 | 352.3 | 379.3 | 406.3 | 413.0  | 550.4 | 733.5 | 825.0 | 997.1  | 1341.6 |
| 120°   | 426.6 | 401.2 | 375.8 | 401.2 | 426.6 | 433.0  | 558.6 | 726.0 | 809.7 | 967.1  | 1281.7 |
| 122.5° | 450.0 | 424.4 | 398.7 | 424.4 | 450.0 | 456.4  | 570.3 | 722.0 | 798.0 | 939.7  | 1223.0 |
| 125°   | 480.7 | 457.3 | 433.9 | 457.3 | 480.7 | 486.5  | 586.1 | 718.8 | 785.2 | 905.5  | 1146.2 |
| 127.5° | 509.7 | 486.1 | 462.5 | 486.1 | 509.7 | 515.6  | 601.9 | 716.9 | 774.4 | 877.7  | 1084.5 |
| 130°   | 528.7 | 503.3 | 477.8 | 503.3 | 528.7 | 535.0  | 613.5 | 718.1 | 770.4 | 862.4  | 1046.3 |
| 132.5° | 544.6 | 519.1 | 493.7 | 519.1 | 544.6 | 550.9  | 622.9 | 718.8 | 766.8 | 849.1  | 1013.9 |
| 135°   | 563.4 | 540.3 | 517.2 | 540.3 | 563.4 | 569.2  | 633.0 | 718.1 | 760.7 | 829.7  | 967.7  |
| 137.5° | 587.0 | 564.0 | 541.1 | 564.0 | 587.0 | 592.7  | 648.3 | 722.5 | 759.6 | 817.9  | 934.5  |
| 140°   | 603.2 | 582.1 | 561.0 | 582.1 | 603.2 | 608.6  | 657.8 | 723.3 | 756.1 | 806.4  | 907.2  |
| 142.5° | 615.4 | 595.8 | 576.3 | 595.8 | 615.4 | 620.3  | 665.6 | 725.9 | 756.1 | 800.3  | 888.8  |
| 145°   | 633.9 | 616.8 | 599.9 | 616.8 | 633.9 | 638.1  | 675.7 | 725.9 | 750.9 | 787.1  | 859.5  |
| 147.5° | 656.5 | 639.9 | 623.3 | 639.9 | 656.5 | 660.6  | 690.7 | 730.8 | 750.9 | 779.4  | 836.4  |
| 150°   | 668.6 | 653.6 | 638.6 | 653.6 | 668.6 | 672.4  | 698.6 | 733.5 | 750.9 | 775.0  | 823.1  |
| 152.5° | 677.2 | 665.8 | 654.5 | 665.8 | 677.2 | 680.0  | 703.7 | 735.2 | 750.9 | 771.4  | 812.6  |
| 155°   | 694.7 | 686.4 | 678.0 | 686.4 | 694.7 | 696.8  | 714.8 | 738.9 | 750.9 | 767.3  | 799.9  |
| 157.5° | 711.6 | 703.5 | 695.3 | 703.5 | 711.6 | 713.7  | 726.1 | 742.7 | 750.9 | 763.7  | 789.1  |
| 160°   | 719.8 | 713.4 | 707.1 | 713.4 | 719.8 | 721.4  | 731.2 | 744.3 | 750.9 | 761.8  | 783.6  |
| 162.5° | 728.4 | 723.5 | 718.8 | 723.5 | 728.4 | 729.5  | 736.6 | 746.2 | 750.9 | 760.1  | 778.5  |
| 165°   | 740.2 | 735.9 | 731.5 | 735.9 | 740.2 | 741.3  | 744.5 | 748.8 | 750.9 | 757.5  | 770.7  |
| 167.5° | 747.4 | 745.3 | 743.3 | 745.3 | 747.4 | 747.9  | 750.6 | 754.3 | 756.1 | 760.4  | 769.0  |
| 170°   | 755.1 | 753.0 | 750.9 | 753.0 | 755.1 | 755.6  | 755.8 | 756.0 | 756.1 | 760.4  | 769.0  |
| 172.5° | 756.0 | 755.5 | 755.1 | 755.5 | 756.0 | 756.1  | 756.1 | 756.1 | 756.1 | 759.4  | 766.2  |
| 175°   | 760.7 | 760.7 | 760.7 | 760.7 | 760.7 | 760.7  | 759.1 | 757.1 | 756.1 | 758.2  | 762.5  |
| 177.5° | 760.7 | 760.7 | 760.7 | 760.7 | 760.7 | 760.7  | 759.5 | 757.8 | 757.1 | 758.7  | 762.2  |
| 180°   | 760.7 | 760.7 | 760.7 | 760.7 | 760.7 | 760.7  | 760.7 | 760.7 | 760.7 | 760.7  | 760.7  |

TEST NUMBER: P935683

CATALOG NUMBER: SQ4-FA-125U-100D-B2750-1D-UNV-W2A-W-4-3000K

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 260°   | 270°   | 280°   | 290°   | 292.5° | 300°   | 310°   | 315°   | 320°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1376.9 | 1376.9 | 1376.9 | 1376.9 | 1376.9 | 1376.9 | 1376.9 | 1376.9 | 1376.9 | 1376.9 | 1376.9 |
| 2.5°   | 1328.8 | 1324.9 | 1330.1 | 1315.7 | 1330.1 | 1324.9 | 1328.8 | 1337.9 | 1330.1 | 1335.3 | 1340.6 |
| 5°     | 1165.9 | 1159.4 | 1138.6 | 1121.7 | 1138.6 | 1159.4 | 1165.9 | 1193.4 | 1206.4 | 1229.7 | 1261.1 |
| 7.5°   | 1042.2 | 1037.0 | 1031.8 | 1021.3 | 1031.8 | 1037.0 | 1042.2 | 1050.0 | 1063.0 | 1083.9 | 1107.4 |
| 10°    | 1014.8 | 1016.2 | 1024.0 | 1022.7 | 1024.0 | 1016.2 | 1014.8 | 1012.2 | 1008.3 | 1012.2 | 1026.5 |
| 12.5°  | 1085.2 | 1096.9 | 1139.9 | 1137.3 | 1139.9 | 1096.9 | 1085.2 | 1033.0 | 997.9  | 991.4  | 994.0  |
| 15°    | 1165.9 | 1169.9 | 1179.0 | 1180.2 | 1179.0 | 1169.9 | 1165.9 | 1145.1 | 1039.5 | 994.0  | 979.7  |
| 17.5°  | 1173.7 | 1175.1 | 1181.6 | 1181.6 | 1181.6 | 1175.1 | 1173.7 | 1164.7 | 1129.5 | 1068.2 | 987.5  |
| 20°    | 1167.2 | 1169.9 | 1182.9 | 1185.5 | 1182.9 | 1169.9 | 1167.2 | 1155.5 | 1136.0 | 1113.9 | 1052.7 |
| 22.5°  | 1164.7 | 1169.9 | 1180.2 | 1179.0 | 1180.2 | 1169.9 | 1164.7 | 1146.4 | 1129.5 | 1113.9 | 1089.1 |
| 25°    | 1151.6 | 1151.6 | 1152.9 | 1154.2 | 1152.9 | 1151.6 | 1151.6 | 1137.3 | 1103.4 | 1099.5 | 1085.2 |
| 27.5°  | 1124.2 | 1126.9 | 1134.7 | 1133.4 | 1134.7 | 1126.9 | 1124.2 | 1119.0 | 1082.5 | 1078.7 | 1068.2 |
| 30°    | 1099.5 | 1096.9 | 1090.4 | 1085.2 | 1090.4 | 1096.9 | 1099.5 | 1091.7 | 1055.2 | 1044.8 | 1047.4 |
| 32.5°  | 1057.8 | 1051.3 | 1044.8 | 1040.9 | 1044.8 | 1051.3 | 1057.8 | 1055.2 | 1027.9 | 1013.5 | 1016.2 |
| 35°    | 1008.3 | 1009.7 | 1008.3 | 1004.4 | 1008.3 | 1009.7 | 1008.3 | 1010.9 | 994.0  | 981.0  | 979.7  |
| 37.5°  | 973.2  | 975.7  | 974.5  | 969.2  | 974.5  | 975.7  | 973.2  | 970.5  | 947.1  | 943.2  | 945.8  |
| 40°    | 936.7  | 938.0  | 936.7  | 932.8  | 936.7  | 938.0  | 936.7  | 931.5  | 898.9  | 900.2  | 909.3  |
| 42.5°  | 901.5  | 900.2  | 896.3  | 893.7  | 896.3  | 900.2  | 901.5  | 893.7  | 852.0  | 848.1  | 865.0  |
| 45°    | 861.1  | 862.5  | 854.6  | 850.7  | 854.6  | 862.5  | 861.1  | 855.9  | 813.0  | 802.5  | 814.2  |
| 47.5°  | 820.7  | 820.7  | 814.2  | 810.3  | 814.2  | 820.7  | 820.7  | 814.2  | 768.6  | 758.2  | 764.7  |
| 50°    | 777.8  | 776.5  | 767.3  | 766.0  | 767.3  | 776.5  | 777.8  | 773.8  | 725.6  | 716.5  | 716.5  |
| 52.5°  | 728.3  | 728.3  | 729.5  | 732.1  | 729.5  | 728.3  | 728.3  | 729.5  | 686.6  | 677.4  | 674.8  |
| 55°    | 685.3  | 686.6  | 695.6  | 698.3  | 695.6  | 686.6  | 685.3  | 685.3  | 646.1  | 637.1  | 631.8  |
| 57.5°  | 640.9  | 640.9  | 647.5  | 647.5  | 647.5  | 640.9  | 640.9  | 638.3  | 600.6  | 592.8  | 590.1  |
| 60°    | 590.1  | 592.8  | 597.9  | 596.6  | 597.9  | 592.8  | 590.1  | 587.6  | 554.9  | 549.8  | 540.6  |
| 62.5°  | 536.7  | 539.3  | 540.6  | 538.1  | 540.6  | 539.3  | 536.7  | 528.9  | 509.4  | 505.4  | 493.7  |
| 65°    | 480.7  | 483.3  | 484.6  | 482.1  | 484.6  | 483.3  | 480.7  | 476.8  | 462.4  | 455.9  | 445.6  |
| 67.5°  | 423.4  | 422.1  | 420.8  | 426.0  | 420.8  | 422.1  | 423.4  | 418.2  | 409.1  | 403.9  | 389.5  |
| 70°    | 364.7  | 364.7  | 363.4  | 366.1  | 363.4  | 364.7  | 364.7  | 360.9  | 355.7  | 351.7  | 338.7  |
| 72.5°  | 302.2  | 300.9  | 306.2  | 302.2  | 306.2  | 300.9  | 302.2  | 300.9  | 298.4  | 294.4  | 281.4  |
| 75°    | 241.0  | 243.6  | 241.0  | 244.9  | 241.0  | 243.6  | 241.0  | 242.3  | 241.0  | 238.4  | 229.2  |
| 77.5°  | 183.7  | 186.3  | 183.7  | 183.7  | 183.7  | 186.3  | 183.7  | 185.0  | 185.0  | 185.0  | 177.2  |
| 80°    | 130.3  | 129.0  | 129.0  | 127.7  | 129.0  | 129.0  | 130.3  | 130.3  | 131.5  | 129.0  | 126.4  |
| 82.5°  | 83.4   | 82.0   | 82.0   | 84.7   | 82.0   | 82.0   | 83.4   | 84.7   | 82.0   | 82.0   | 82.0   |
| 85°    | 45.6   | 46.9   | 44.3   | 44.3   | 44.3   | 46.9   | 45.6   | 43.0   | 45.6   | 45.6   | 44.3   |
| 87.5°  | 17.0   | 15.7   | 15.7   | 15.7   | 15.7   | 15.7   | 17.0   | 18.2   | 18.2   | 18.2   | 19.5   |
| 90°    | 19.4   | 19.4   | 19.4   | 19.4   | 19.4   | 19.4   | 19.4   | 25.8   | 34.4   | 38.7   | 33.3   |
| 92.5°  | 97.0   | 93.2   | 77.7   | 62.3   | 77.7   | 93.2   | 97.0   | 137.5  | 191.5  | 218.5  | 191.9  |
| 95°    | 329.3  | 317.6  | 270.9  | 224.1  | 270.9  | 317.6  | 329.3  | 432.5  | 569.9  | 638.6  | 539.3  |
| 97.5°  | 760.1  | 737.9  | 649.0  | 560.0  | 649.0  | 737.9  | 760.1  | 825.3  | 912.1  | 955.6  | 790.1  |
| 100°   | 1067.4 | 1040.9 | 935.0  | 829.0  | 935.0  | 1040.9 | 1067.4 | 1062.7 | 1056.3 | 1053.1 | 869.5  |
| 102.5° | 1329.9 | 1307.2 | 1216.4 | 1125.7 | 1216.4 | 1307.2 | 1329.9 | 1246.9 | 1136.2 | 1080.8 | 894.5  |
| 105°   | 1636.2 | 1623.9 | 1575.2 | 1526.4 | 1575.2 | 1623.9 | 1636.2 | 1450.0 | 1201.8 | 1077.7 | 897.4  |
| 107.5° | 1795.4 | 1798.4 | 1810.2 | 1822.0 | 1810.2 | 1798.4 | 1795.4 | 1535.8 | 1189.6 | 1016.5 | 857.4  |
| 110°   | 1836.3 | 1849.0 | 1899.8 | 1950.6 | 1899.8 | 1849.0 | 1836.3 | 1546.0 | 1158.9 | 965.4  | 822.0  |

TEST NUMBER: P935683

CATALOG NUMBER: SQ4-FA-125U-100D-B2750-1D-UNV-W2A-W-4-3000K

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 260°   | 270°   | 280°   | 290°   | 292.5° | 300°   | 310°   | 315°  | 320°  |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|
| 112.5° | 1810.3 | 1829.8 | 1907.8 | 1985.9 | 1907.8 | 1829.8 | 1810.3 | 1513.2 | 1117.0 | 919.0 | 791.1 |
| 115°   | 1722.0 | 1749.0 | 1857.2 | 1965.5 | 1857.2 | 1749.0 | 1722.0 | 1435.7 | 1054.0 | 863.2 | 755.6 |
| 117.5° | 1599.9 | 1629.9 | 1750.0 | 1869.9 | 1750.0 | 1629.9 | 1599.9 | 1341.6 | 997.1  | 825.0 | 733.5 |
| 120°   | 1517.7 | 1546.9 | 1663.5 | 1780.1 | 1663.5 | 1546.9 | 1517.7 | 1281.7 | 967.1  | 809.7 | 726.0 |
| 122.5° | 1435.5 | 1464.3 | 1579.3 | 1694.3 | 1579.3 | 1464.3 | 1435.5 | 1223.0 | 939.7  | 798.0 | 722.0 |
| 125°   | 1326.8 | 1353.3 | 1459.2 | 1565.2 | 1459.2 | 1353.3 | 1326.8 | 1146.2 | 905.5  | 785.2 | 718.8 |
| 127.5° | 1239.5 | 1261.9 | 1351.2 | 1440.6 | 1351.2 | 1261.9 | 1239.5 | 1084.5 | 877.7  | 774.4 | 716.9 |
| 130°   | 1184.4 | 1205.0 | 1287.6 | 1370.2 | 1287.6 | 1205.0 | 1184.4 | 1046.3 | 862.4  | 770.4 | 718.1 |
| 132.5° | 1137.4 | 1155.9 | 1229.8 | 1303.8 | 1229.8 | 1155.9 | 1137.4 | 1013.9 | 849.1  | 766.8 | 718.8 |
| 135°   | 1071.1 | 1087.1 | 1150.8 | 1214.5 | 1150.8 | 1087.1 | 1071.1 | 967.7  | 829.7  | 760.7 | 718.1 |
| 137.5° | 1022.0 | 1035.0 | 1087.3 | 1139.4 | 1087.3 | 1035.0 | 1022.0 | 934.5  | 817.9  | 759.6 | 722.5 |
| 140°   | 982.7  | 995.0  | 1043.7 | 1092.5 | 1043.7 | 995.0  | 982.7  | 907.2  | 806.4  | 756.1 | 723.3 |
| 142.5° | 955.1  | 965.6  | 1007.6 | 1049.6 | 1007.6 | 965.6  | 955.1  | 888.8  | 800.3  | 756.1 | 725.9 |
| 145°   | 913.8  | 921.8  | 953.6  | 985.3  | 953.6  | 921.8  | 913.8  | 859.5  | 787.1  | 750.9 | 725.9 |
| 147.5° | 879.1  | 885.7  | 912.0  | 938.3  | 912.0  | 885.7  | 879.1  | 836.4  | 779.4  | 750.9 | 730.8 |
| 150°   | 859.2  | 864.5  | 885.9  | 907.2  | 885.9  | 864.5  | 859.2  | 823.1  | 775.0  | 750.9 | 733.5 |
| 152.5° | 843.3  | 847.4  | 863.4  | 879.6  | 863.4  | 847.4  | 843.3  | 812.6  | 771.4  | 750.9 | 735.2 |
| 155°   | 824.5  | 827.2  | 837.8  | 848.5  | 837.8  | 827.2  | 824.5  | 799.9  | 767.3  | 750.9 | 738.9 |
| 157.5° | 808.1  | 810.0  | 817.5  | 825.0  | 817.5  | 810.0  | 808.1  | 789.1  | 763.7  | 750.9 | 742.7 |
| 160°   | 799.9  | 801.0  | 805.4  | 809.7  | 805.4  | 801.0  | 799.9  | 783.6  | 761.8  | 750.9 | 744.3 |
| 162.5° | 792.3  | 793.3  | 797.5  | 801.5  | 797.5  | 793.3  | 792.3  | 778.5  | 760.1  | 750.9 | 746.2 |
| 165°   | 780.5  | 781.6  | 785.9  | 790.3  | 785.9  | 781.6  | 780.5  | 770.7  | 757.5  | 750.9 | 748.8 |
| 167.5° | 775.5  | 776.0  | 777.8  | 779.5  | 777.8  | 776.0  | 775.5  | 769.0  | 760.4  | 756.1 | 754.3 |
| 170°   | 775.5  | 775.5  | 775.5  | 775.5  | 775.5  | 775.5  | 775.5  | 769.0  | 760.4  | 756.1 | 756.0 |
| 172.5° | 771.3  | 771.0  | 769.4  | 767.8  | 769.4  | 771.0  | 771.3  | 766.2  | 759.4  | 756.1 | 756.1 |
| 175°   | 765.7  | 765.7  | 765.7  | 765.7  | 765.7  | 765.7  | 765.7  | 762.5  | 758.2  | 756.1 | 757.1 |
| 177.5° | 764.7  | 764.2  | 762.5  | 760.7  | 762.5  | 764.2  | 764.7  | 762.2  | 758.7  | 757.1 | 757.8 |
| 180°   | 760.7  | 760.7  | 760.7  | 760.7  | 760.7  | 760.7  | 760.7  | 760.7  | 760.7  | 760.7 | 760.7 |

TEST NUMBER: P935683

CATALOG NUMBER: SQ4-FA-125U-100D-B2750-1D-UNV-W2A-W-4-3000K

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 337.5° | 340°   | 350°   | 360°   |
|--------|--------|--------|--------|--------|--------|
| 0°     | 1376.9 | 1376.9 | 1376.9 | 1376.9 | 1376.9 |
| 2.5°   | 1360.1 | 1366.6 | 1370.4 | 1375.7 | 1388.7 |
| 5°     | 1307.9 | 1332.7 | 1340.6 | 1360.1 | 1383.6 |
| 7.5°   | 1193.4 | 1268.9 | 1289.7 | 1336.6 | 1373.1 |
| 10°    | 1082.5 | 1158.2 | 1194.6 | 1305.4 | 1360.1 |
| 12.5°  | 1026.5 | 1070.9 | 1095.6 | 1250.6 | 1341.8 |
| 15°    | 991.4  | 1022.7 | 1040.9 | 1177.7 | 1320.9 |
| 17.5°  | 964.0  | 986.2  | 999.2  | 1106.0 | 1292.4 |
| 20°    | 947.1  | 957.5  | 969.2  | 1053.9 | 1259.7 |
| 22.5°  | 935.3  | 928.8  | 938.0  | 1017.5 | 1215.4 |
| 25°    | 927.5  | 902.8  | 913.2  | 988.8  | 1163.4 |
| 27.5°  | 934.0  | 879.3  | 883.3  | 962.7  | 1108.7 |
| 30°    | 935.3  | 850.7  | 852.0  | 935.3  | 1047.4 |
| 32.5°  | 926.2  | 820.7  | 822.0  | 901.5  | 978.3  |
| 35°    | 904.1  | 785.5  | 784.3  | 862.5  | 884.5  |
| 37.5°  | 874.1  | 747.8  | 747.8  | 819.5  | 781.6  |
| 40°    | 837.7  | 710.0  | 713.9  | 763.4  | 690.5  |
| 42.5°  | 793.3  | 669.6  | 674.8  | 689.1  | 622.8  |
| 45°    | 745.1  | 630.5  | 634.4  | 582.3  | 570.6  |
| 47.5°  | 691.8  | 590.1  | 591.4  | 483.3  | 553.6  |
| 50°    | 627.9  | 548.4  | 543.3  | 414.3  | 552.4  |
| 52.5°  | 571.9  | 502.9  | 487.2  | 375.2  | 501.6  |
| 55°    | 517.2  | 454.6  | 420.8  | 345.2  | 465.1  |
| 57.5°  | 468.9  | 392.1  | 359.6  | 310.1  | 457.3  |
| 60°    | 424.7  | 330.9  | 306.2  | 272.2  | 419.4  |
| 62.5°  | 388.2  | 285.3  | 280.1  | 246.2  | 380.4  |
| 65°    | 349.1  | 254.0  | 252.7  | 224.1  | 323.1  |
| 67.5°  | 311.4  | 233.2  | 231.9  | 203.2  | 246.2  |
| 70°    | 271.0  | 211.0  | 208.4  | 181.1  | 182.4  |
| 72.5°  | 229.2  | 186.3  | 183.7  | 162.9  | 151.2  |
| 75°    | 187.6  | 157.7  | 156.3  | 142.0  | 122.5  |
| 77.5°  | 147.2  | 125.0  | 127.7  | 114.7  | 89.9   |
| 80°    | 105.5  | 91.2   | 93.8   | 82.0   | 67.7   |
| 82.5°  | 70.3   | 59.9   | 62.5   | 52.1   | 45.6   |
| 85°    | 39.0   | 33.9   | 35.2   | 27.3   | 20.8   |
| 87.5°  | 18.2   | 15.7   | 15.7   | 10.5   | 6.5    |
| 90°    | 22.5   | 14.3   | 13.3   | 9.2    | 5.1    |
| 92.5°  | 138.5  | 98.5   | 89.8   | 55.1   | 20.4   |
| 95°    | 340.9  | 192.0  | 176.1  | 112.5  | 49.0   |
| 97.5°  | 459.1  | 210.8  | 196.8  | 140.7  | 84.7   |
| 100°   | 502.2  | 226.7  | 214.0  | 163.2  | 112.3  |
| 102.5° | 521.9  | 242.5  | 230.6  | 183.2  | 135.8  |
| 105°   | 536.6  | 266.0  | 256.0  | 215.8  | 175.6  |
| 107.5° | 539.3  | 300.7  | 291.4  | 253.9  | 216.4  |
| 110°   | 535.2  | 320.1  | 311.6  | 277.9  | 244.0  |

TEST NUMBER: P935683

CATALOG NUMBER: SQ4-FA-125U-100D-B2750-1D-UNV-W2A-W-4-3000K

**CANDELA DISTRIBUTION (continued):**

|        | 330°  | 337.5° | 340°  | 350°  | 360°  |
|--------|-------|--------|-------|-------|-------|
| 112.5° | 535.3 | 343.5  | 335.4 | 303.3 | 271.1 |
| 115°   | 540.3 | 378.8  | 371.4 | 341.6 | 311.9 |
| 117.5° | 550.4 | 413.0  | 406.3 | 379.3 | 352.3 |
| 120°   | 558.6 | 433.0  | 426.6 | 401.2 | 375.8 |
| 122.5° | 570.3 | 456.4  | 450.0 | 424.4 | 398.7 |
| 125°   | 586.1 | 486.5  | 480.7 | 457.3 | 433.9 |
| 127.5° | 601.9 | 515.6  | 509.7 | 486.1 | 462.5 |
| 130°   | 613.5 | 535.0  | 528.7 | 503.3 | 477.8 |
| 132.5° | 622.9 | 550.9  | 544.6 | 519.1 | 493.7 |
| 135°   | 633.0 | 569.2  | 563.4 | 540.3 | 517.2 |
| 137.5° | 648.3 | 592.7  | 587.0 | 564.0 | 541.1 |
| 140°   | 657.8 | 608.6  | 603.2 | 582.1 | 561.0 |
| 142.5° | 665.6 | 620.3  | 615.4 | 595.8 | 576.3 |
| 145°   | 675.7 | 638.1  | 633.9 | 616.8 | 599.9 |
| 147.5° | 690.7 | 660.6  | 656.5 | 639.9 | 623.3 |
| 150°   | 698.6 | 672.4  | 668.6 | 653.6 | 638.6 |
| 152.5° | 703.7 | 680.0  | 677.2 | 665.8 | 654.5 |
| 155°   | 714.8 | 696.8  | 694.7 | 686.4 | 678.0 |
| 157.5° | 726.1 | 713.7  | 711.6 | 703.5 | 695.3 |
| 160°   | 731.2 | 721.4  | 719.8 | 713.4 | 707.1 |
| 162.5° | 736.6 | 729.5  | 728.4 | 723.5 | 718.8 |
| 165°   | 744.5 | 741.3  | 740.2 | 735.9 | 731.5 |
| 167.5° | 750.6 | 747.9  | 747.4 | 745.3 | 743.3 |
| 170°   | 755.8 | 755.6  | 755.1 | 753.0 | 750.9 |
| 172.5° | 756.1 | 756.1  | 756.0 | 755.5 | 755.1 |
| 175°   | 759.1 | 760.7  | 760.7 | 760.7 | 760.7 |
| 177.5° | 759.5 | 760.7  | 760.7 | 760.7 | 760.7 |
| 180°   | 760.7 | 760.7  | 760.7 | 760.7 | 760.7 |

TEST NUMBER: P935683

CATALOG NUMBER: SQ4-FA-125U-100D-B2750-1D-UNV-W2A-W-4-3000K

**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 | 12.86            | 13.65 | 13.88 | 14.68 | 16.06 | 15.66          | 16.45 | 16.68 | 17.48 | 18.86 |
|                 | 3H   | 13.33            | 14.04 | 14.36 | 15.08 | 16.48 | 16.99          | 17.70 | 18.02 | 18.74 | 20.14 |
|                 | 4H   | 13.52            | 14.19 | 14.56 | 15.24 | 16.64 | 17.42          | 18.10 | 18.47 | 19.14 | 20.55 |
|                 | 6H   | 13.64            | 14.26 | 14.69 | 15.30 | 16.72 | 17.70          | 18.32 | 18.75 | 19.36 | 20.78 |
|                 | 8H   | 13.63            | 14.22 | 14.69 | 15.29 | 16.70 | 17.76          | 18.35 | 18.82 | 19.42 | 20.83 |
|                 | 12H  | 13.60            | 14.16 | 14.67 | 15.22 | 16.66 | 17.80          | 18.36 | 18.86 | 19.41 | 20.85 |
| 4H              | 2H   | 13.88            | 14.55 | 14.93 | 15.59 | 17.00 | 16.06          | 16.73 | 17.11 | 17.78 | 19.18 |
|                 | 3H   | 14.90            | 15.46 | 15.96 | 16.53 | 17.95 | 17.55          | 18.11 | 18.61 | 19.18 | 20.60 |
|                 | 4H   | 15.17            | 15.68 | 16.24 | 16.75 | 18.19 | 18.07          | 18.58 | 19.13 | 19.64 | 21.09 |
|                 | 6H   | 15.29            | 15.73 | 16.37 | 16.82 | 18.25 | 18.42          | 18.86 | 19.50 | 19.95 | 21.38 |
|                 | 8H   | 15.30            | 15.71 | 16.37 | 16.78 | 18.24 | 18.52          | 18.93 | 19.60 | 20.01 | 21.46 |
|                 | 12H  | 15.26            | 15.63 | 16.35 | 16.72 | 18.18 | 18.57          | 18.94 | 19.66 | 20.03 | 21.49 |
| 8H              | 4H   | 15.61            | 16.03 | 16.69 | 17.10 | 18.56 | 18.19          | 18.60 | 19.26 | 19.68 | 21.13 |
|                 | 6H   | 15.87            | 16.21 | 16.97 | 17.33 | 18.78 | 18.61          | 18.95 | 19.71 | 20.07 | 21.52 |
|                 | 8H   | 15.91            | 16.21 | 17.02 | 17.31 | 18.78 | 18.76          | 19.06 | 19.86 | 20.16 | 21.63 |
|                 | 12H  | 15.89            | 16.16 | 17.00 | 17.25 | 18.76 | 18.85          | 19.11 | 19.96 | 20.21 | 21.72 |
| 12H             | 4H   | 15.61            | 15.99 | 16.71 | 17.08 | 18.54 | 18.15          | 18.52 | 19.24 | 19.61 | 21.07 |
|                 | 6H   | 15.93            | 16.23 | 17.04 | 17.33 | 18.80 | 18.61          | 18.91 | 19.72 | 20.01 | 21.48 |
|                 | 8H   | 15.99            | 16.26 | 17.10 | 17.35 | 18.86 | 18.76          | 19.03 | 19.87 | 20.12 | 21.63 |

END OF REPORT