

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: P935495

Luminaire Tested: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-8-4000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935495
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-STD-W-8-4000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

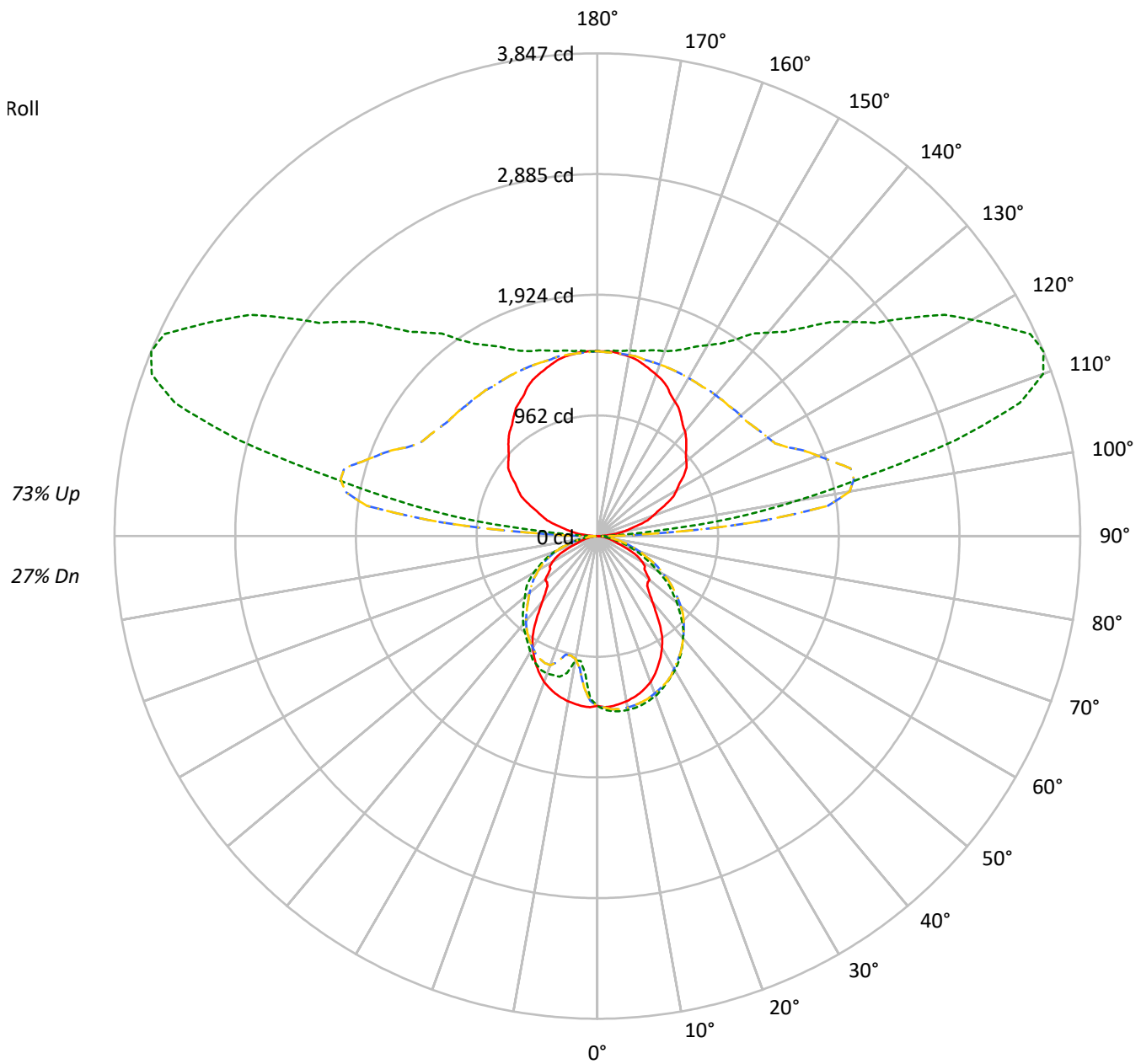
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13068.3 lumens
Efficiency: N/A
Efficacy: 137.3 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: P935495
CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-8-4000K

Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° - - - 90°-270° - · - 135°-315°



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RF | 20 | | | | 20 | | | | 20 | | | | 20 | | | | 20 | |
| RC | 80 | | | | 70 | | | | 50 | | | | 30 | | | | 10 | 0 |
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 |
| 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° | 6282 | 6282 | 6282 | 6282 |
| 5° | 6329 | 6341 | 6329 | 4986 |
| 10° | 6286 | 6246 | 6286 | 4466 |
| 15° | 6218 | 6111 | 6218 | 5103 |
| 20° | 6088 | 5951 | 6088 | 5114 |
| 25° | 5822 | 5717 | 5822 | 5005 |
| 30° | 5478 | 5523 | 5478 | 4767 |
| 35° | 4883 | 5277 | 4883 | 4506 |
| 40° | 4069 | 4988 | 4069 | 4308 |
| 45° | 3636 | 4650 | 3636 | 4081 |
| 50° | 3863 | 4247 | 3863 | 3853 |
| 55° | 3634 | 3812 | 3634 | 3721 |
| 60° | 3747 | 3237 | 3747 | 3408 |
| 65° | 3396 | 2676 | 3396 | 2992 |
| 70° | 2352 | 2133 | 2352 | 2507 |
| 75° | 2062 | 1576 | 2062 | 1888 |
| 80° | 1662 | 1042 | 1662 | 1135 |
| 85° | 955 | 553 | 955 | 469 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 5572 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 122.2 | 0.9 |
| 10°-20° | 347.0 | 2.7 |
| 20°-30° | 536.4 | 4.1 |
| 30°-40° | 640.4 | 4.9 |
| 40°-50° | 644.1 | 4.9 |
| 50°-60° | 560.5 | 4.3 |
| 60°-70° | 397.4 | 3.0 |
| 70°-80° | 210.2 | 1.6 |
| 80°-90° | 58.0 | 0.4 |
| 90°-100° | 718.3 | 5.5 |
| 100°-110° | 1888.3 | 14.4 |
| 110°-120° | 1958.0 | 15.0 |
| 120°-130° | 1570.5 | 12.0 |
| 130°-140° | 1232.3 | 9.4 |
| 140°-150° | 945.9 | 7.2 |
| 150°-160° | 681.2 | 5.2 |
| 160°-170° | 416.8 | 3.2 |
| 170°-180° | 140.8 | 1.1 |
| 0°-30° | 1005.6 | 7.7 |
| 0°-40° | 1646.0 | 12.6 |
| 0°-60° | 2850.6 | 21.8 |
| 0°-90° | 3516.2 | 26.9 |
| 90°-120° | 4564.6 | 34.9 |
| 90°-150° | 8313.3 | 63.6 |
| 90°-180° | 9552.0 | 73.1 |
| 0°-180° | 13068.3 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1354 | 1354 | 1354 | 1354 | 1354 | |
| 5° | 1360 | 1403 | 1360 | 1103 | 1360 | 129 |
| 15° | 1299 | 1390 | 1299 | 1160 | 1299 | 365 |
| 25° | 1144 | 1296 | 1144 | 1135 | 1144 | 525 |
| 35° | 870 | 1157 | 870 | 988 | 870 | 538 |
| 45° | 561 | 953 | 561 | 836 | 561 | 449 |
| 55° | 457 | 703 | 457 | 686 | 457 | 420 |
| 65° | 318 | 424 | 318 | 474 | 318 | 304 |
| 75° | 120 | 201 | 120 | 241 | 120 | 127 |
| 85° | 20 | 51 | 20 | 44 | 20 | 28 |
| 90° | 10 | 38 | 10 | 38 | 10 | 9 |
| 95° | 95 | 434 | 95 | 434 | 95 | 105 |
| 105° | 340 | 2957 | 340 | 2957 | 340 | 361 |
| 115° | 604 | 3807 | 604 | 3807 | 604 | 597 |
| 125° | 841 | 3032 | 841 | 3032 | 841 | 746 |
| 135° | 1002 | 2353 | 1002 | 2353 | 1002 | 775 |
| 145° | 1162 | 1909 | 1162 | 1909 | 1162 | 728 |
| 155° | 1313 | 1644 | 1313 | 1644 | 1313 | 603 |
| 165° | 1417 | 1531 | 1417 | 1531 | 1417 | 400 |
| 175° | 1474 | 1483 | 1474 | 1483 | 1474 | 140 |
| 180° | 1474 | 1474 | 1474 | 1474 | 1474 | |



TEST NUMBER: P935495

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-8-4000K

CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1354.0 | 1354.0 | 1354.0 | 1354.0 | 1354.0 | 1354.0 | 1354.0 | 1354.0 | 1354.0 | 1354.0 | 1354.0 |
| 2.5° | 1365.5 | 1365.5 | 1373.2 | 1375.8 | 1375.8 | 1371.9 | 1368.0 | 1371.9 | 1383.4 | 1387.2 | 1386.0 |
| 5° | 1360.4 | 1370.6 | 1384.8 | 1387.2 | 1389.8 | 1388.6 | 1386.0 | 1388.6 | 1401.4 | 1403.9 | 1405.2 |
| 7.5° | 1350.1 | 1369.4 | 1387.2 | 1391.1 | 1395.0 | 1391.1 | 1389.8 | 1392.4 | 1405.2 | 1407.8 | 1407.8 |
| 10° | 1337.3 | 1364.2 | 1384.8 | 1387.2 | 1391.1 | 1387.2 | 1387.2 | 1392.4 | 1405.2 | 1407.8 | 1409.0 |
| 12.5° | 1319.3 | 1356.5 | 1375.8 | 1378.3 | 1383.4 | 1382.2 | 1380.8 | 1386.0 | 1398.8 | 1401.4 | 1401.4 |
| 15° | 1298.9 | 1342.4 | 1360.4 | 1362.9 | 1371.9 | 1369.4 | 1369.4 | 1374.4 | 1388.6 | 1392.4 | 1391.1 |
| 17.5° | 1270.7 | 1324.5 | 1345.0 | 1348.8 | 1355.2 | 1354.0 | 1355.2 | 1360.4 | 1373.2 | 1375.8 | 1377.0 |
| 20° | 1238.6 | 1300.1 | 1324.5 | 1328.3 | 1334.7 | 1334.7 | 1334.7 | 1341.1 | 1354.0 | 1359.1 | 1359.1 |
| 22.5° | 1195.1 | 1274.5 | 1300.1 | 1302.7 | 1310.5 | 1310.5 | 1312.9 | 1321.9 | 1333.5 | 1334.7 | 1334.7 |
| 25° | 1143.9 | 1246.4 | 1268.1 | 1275.8 | 1283.5 | 1287.3 | 1291.2 | 1296.3 | 1300.1 | 1298.9 | 1300.1 |
| 27.5° | 1090.1 | 1210.5 | 1238.6 | 1243.8 | 1254.0 | 1257.9 | 1263.0 | 1264.3 | 1265.6 | 1269.4 | 1266.9 |
| 30° | 1029.9 | 1160.5 | 1202.8 | 1208.0 | 1224.6 | 1227.2 | 1222.0 | 1224.6 | 1231.0 | 1233.6 | 1236.2 |
| 32.5° | 962.0 | 1086.2 | 1165.7 | 1177.2 | 1192.6 | 1184.9 | 1183.6 | 1187.4 | 1197.7 | 1197.7 | 1200.2 |
| 35° | 869.7 | 1028.6 | 1131.1 | 1141.3 | 1152.9 | 1143.9 | 1149.1 | 1150.3 | 1156.7 | 1160.5 | 1159.3 |
| 37.5° | 768.6 | 978.7 | 1095.2 | 1102.9 | 1111.9 | 1100.4 | 1108.0 | 1111.9 | 1117.0 | 1114.4 | 1114.4 |
| 40° | 678.9 | 900.5 | 1053.0 | 1058.0 | 1065.8 | 1056.8 | 1064.4 | 1067.0 | 1069.6 | 1067.0 | 1065.8 |
| 42.5° | 612.3 | 814.7 | 1008.1 | 1014.5 | 1009.3 | 1015.8 | 1018.3 | 1023.5 | 1019.7 | 1014.5 | 1014.5 |
| 45° | 561.1 | 791.6 | 959.4 | 967.1 | 959.4 | 969.7 | 973.5 | 973.5 | 962.0 | 959.4 | 958.2 |
| 47.5° | 544.4 | 745.5 | 910.8 | 910.8 | 906.9 | 919.8 | 926.2 | 917.2 | 905.6 | 901.8 | 901.8 |
| 50° | 543.1 | 694.3 | 844.1 | 839.1 | 856.9 | 872.3 | 865.9 | 856.9 | 847.9 | 833.9 | 833.9 |
| 52.5° | 493.2 | 631.5 | 758.4 | 777.6 | 805.7 | 814.7 | 804.4 | 795.5 | 780.1 | 773.6 | 768.6 |
| 55° | 457.3 | 566.2 | 680.2 | 718.6 | 748.1 | 759.6 | 740.4 | 731.4 | 708.3 | 704.5 | 701.9 |
| 57.5° | 449.6 | 471.4 | 608.4 | 657.1 | 692.9 | 691.7 | 680.2 | 663.5 | 644.3 | 640.5 | 639.2 |
| 60° | 412.5 | 340.7 | 531.6 | 589.2 | 626.4 | 622.6 | 612.3 | 596.9 | 579.0 | 576.4 | 573.9 |
| 62.5° | 374.1 | 247.2 | 444.5 | 509.8 | 562.3 | 561.1 | 552.1 | 529.1 | 516.2 | 509.8 | 504.7 |
| 65° | 317.6 | 207.5 | 316.4 | 424.0 | 499.6 | 502.1 | 482.9 | 466.2 | 452.2 | 444.5 | 443.2 |
| 67.5° | 242.1 | 169.1 | 213.9 | 353.5 | 439.4 | 436.8 | 412.5 | 404.8 | 386.9 | 383.1 | 375.3 |
| 70° | 179.3 | 112.7 | 148.6 | 287.0 | 380.5 | 374.1 | 354.8 | 345.9 | 329.2 | 320.2 | 315.2 |
| 72.5° | 148.6 | 90.9 | 108.9 | 222.9 | 320.2 | 312.6 | 295.9 | 285.6 | 271.6 | 263.9 | 258.7 |
| 75° | 120.4 | 96.1 | 83.3 | 165.2 | 260.0 | 254.9 | 239.5 | 229.3 | 217.7 | 207.5 | 208.8 |
| 77.5° | 88.4 | 89.7 | 66.6 | 121.7 | 206.3 | 198.5 | 189.6 | 176.8 | 171.6 | 161.4 | 161.4 |
| 80° | 66.6 | 70.5 | 49.9 | 83.3 | 148.6 | 148.6 | 140.9 | 132.0 | 123.0 | 117.8 | 117.8 |
| 82.5° | 44.8 | 44.8 | 37.1 | 52.5 | 101.2 | 97.3 | 92.3 | 89.7 | 84.5 | 81.9 | 81.9 |
| 85° | 20.5 | 25.6 | 23.0 | 32.0 | 55.1 | 57.7 | 57.7 | 55.1 | 53.8 | 51.3 | 52.5 |
| 87.5° | 6.4 | 11.6 | 14.1 | 18.0 | 28.2 | 29.5 | 30.8 | 30.8 | 30.8 | 32.0 | 32.0 |
| 90° | 9.9 | 17.9 | 25.7 | 27.7 | 43.5 | 64.7 | 75.2 | 66.8 | 50.0 | 37.5 | 37.5 |
| 92.5° | 39.5 | 106.8 | 174.1 | 190.9 | 268.4 | 371.6 | 423.3 | 370.9 | 266.3 | 187.8 | 180.4 |
| 95° | 94.9 | 218.0 | 341.1 | 371.9 | 660.3 | 1044.9 | 1237.1 | 1104.0 | 837.6 | 637.8 | 615.2 |
| 97.5° | 164.2 | 272.7 | 381.3 | 408.5 | 889.4 | 1530.7 | 1851.3 | 1767.1 | 1598.8 | 1472.5 | 1429.4 |
| 100° | 217.5 | 316.0 | 414.5 | 439.1 | 972.8 | 1684.3 | 2040.2 | 2046.3 | 2058.6 | 2067.9 | 2016.6 |
| 102.5° | 263.0 | 354.9 | 446.7 | 469.8 | 1011.1 | 1732.8 | 2093.6 | 2200.8 | 2415.3 | 2576.1 | 2532.2 |
| 105° | 340.2 | 418.0 | 495.7 | 515.2 | 1039.3 | 1738.2 | 2087.6 | 2328.0 | 2808.8 | 3169.5 | 3145.9 |
| 107.5° | 419.3 | 491.8 | 564.3 | 582.5 | 1044.6 | 1660.8 | 1968.9 | 2304.3 | 2975.0 | 3478.0 | 3483.7 |
| 110° | 472.7 | 538.2 | 603.8 | 620.1 | 1036.7 | 1592.3 | 1870.1 | 2245.0 | 2994.8 | 3557.1 | 3581.7 |



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CANDELA DISTRIBUTION (continued):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 525.2 | 587.5 | 650.0 | 665.5 | 1037.0 | 1532.4 | 1780.0 | 2163.7 | 2931.1 | 3506.7 | 3544.5 |
| 115° | 604.2 | 661.8 | 719.3 | 733.7 | 1046.6 | 1463.7 | 1672.3 | 2041.9 | 2781.2 | 3335.6 | 3388.1 |
| 117.5° | 682.3 | 734.7 | 786.9 | 800.0 | 1066.1 | 1420.8 | 1598.1 | 1931.7 | 2598.8 | 3099.3 | 3157.4 |
| 120° | 727.8 | 777.1 | 826.3 | 838.6 | 1081.8 | 1406.2 | 1568.4 | 1873.2 | 2482.8 | 2940.1 | 2996.5 |
| 122.5° | 772.3 | 822.0 | 871.6 | 884.0 | 1104.6 | 1398.6 | 1545.7 | 1820.1 | 2369.2 | 2780.9 | 2836.5 |
| 125° | 840.6 | 885.9 | 931.1 | 942.4 | 1135.2 | 1392.4 | 1520.9 | 1754.1 | 2220.5 | 2570.2 | 2621.5 |
| 127.5° | 896.0 | 941.7 | 987.4 | 998.8 | 1166.0 | 1388.8 | 1500.2 | 1700.4 | 2100.8 | 2401.1 | 2444.3 |
| 130° | 925.6 | 974.9 | 1024.0 | 1036.4 | 1188.3 | 1391.0 | 1492.3 | 1670.5 | 2027.0 | 2294.3 | 2334.3 |
| 132.5° | 956.2 | 1005.5 | 1054.7 | 1067.0 | 1206.5 | 1392.4 | 1485.3 | 1644.9 | 1964.0 | 2203.3 | 2239.1 |
| 135° | 1001.8 | 1046.6 | 1091.5 | 1102.6 | 1226.2 | 1391.1 | 1473.5 | 1607.1 | 1874.3 | 2074.7 | 2105.6 |
| 137.5° | 1048.2 | 1092.6 | 1137.0 | 1148.1 | 1255.9 | 1399.6 | 1471.5 | 1584.4 | 1810.4 | 1979.8 | 2005.1 |
| 140° | 1086.8 | 1127.7 | 1168.5 | 1178.8 | 1274.1 | 1401.1 | 1464.6 | 1562.2 | 1757.3 | 1903.7 | 1927.3 |
| 142.5° | 1116.5 | 1154.3 | 1192.0 | 1201.5 | 1289.2 | 1406.1 | 1464.6 | 1550.3 | 1721.7 | 1850.2 | 1870.6 |
| 145° | 1161.9 | 1194.9 | 1227.9 | 1236.2 | 1309.0 | 1406.1 | 1454.7 | 1524.8 | 1665.0 | 1770.2 | 1785.6 |
| 147.5° | 1207.5 | 1239.6 | 1271.7 | 1279.7 | 1338.1 | 1415.8 | 1454.7 | 1509.9 | 1620.2 | 1703.0 | 1715.7 |
| 150° | 1237.1 | 1266.1 | 1295.2 | 1302.4 | 1353.1 | 1420.8 | 1454.7 | 1501.3 | 1594.5 | 1664.4 | 1674.7 |
| 152.5° | 1267.8 | 1289.7 | 1311.7 | 1317.2 | 1363.1 | 1424.1 | 1454.7 | 1494.5 | 1574.0 | 1633.7 | 1641.5 |
| 155° | 1313.3 | 1329.6 | 1345.8 | 1349.9 | 1384.8 | 1431.4 | 1454.7 | 1486.4 | 1549.7 | 1597.1 | 1602.3 |
| 157.5° | 1346.9 | 1362.7 | 1378.5 | 1382.5 | 1406.5 | 1438.6 | 1454.7 | 1479.3 | 1528.5 | 1565.4 | 1569.1 |
| 160° | 1369.7 | 1382.0 | 1394.3 | 1397.4 | 1416.5 | 1442.0 | 1454.7 | 1475.8 | 1518.0 | 1549.6 | 1551.7 |
| 162.5° | 1392.4 | 1401.6 | 1410.8 | 1413.1 | 1427.0 | 1445.4 | 1454.7 | 1472.4 | 1508.0 | 1534.8 | 1536.8 |
| 165° | 1417.1 | 1425.5 | 1433.8 | 1435.9 | 1442.1 | 1450.5 | 1454.7 | 1467.5 | 1493.0 | 1512.1 | 1514.2 |
| 167.5° | 1439.9 | 1443.8 | 1447.8 | 1448.7 | 1454.0 | 1461.1 | 1464.6 | 1472.9 | 1489.6 | 1502.1 | 1503.0 |
| 170° | 1454.7 | 1458.7 | 1462.7 | 1463.6 | 1463.9 | 1464.4 | 1464.6 | 1472.9 | 1489.6 | 1502.1 | 1502.1 |
| 172.5° | 1462.6 | 1463.4 | 1464.4 | 1464.6 | 1464.6 | 1464.6 | 1464.6 | 1471.2 | 1484.4 | 1494.3 | 1493.5 |
| 175° | 1473.5 | 1473.5 | 1473.5 | 1473.5 | 1470.5 | 1466.6 | 1464.6 | 1468.8 | 1477.1 | 1483.4 | 1483.4 |
| 177.5° | 1473.5 | 1473.5 | 1473.5 | 1473.5 | 1471.2 | 1468.1 | 1466.6 | 1469.8 | 1476.4 | 1481.4 | 1480.5 |
| 180° | 1473.5 | 1473.5 | 1473.5 | 1473.5 | 1473.5 | 1473.5 | 1473.5 | 1473.5 | 1473.5 | 1473.5 | 1473.5 |



TEST NUMBER: P935495

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-8-4000K

CANDELA DISTRIBUTION (continued):

| | 80° | 90° | 100° | 110° | 112.5° | 120° | 130° | 135° | 140° | 150° | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1354.0 | 1354.0 | 1354.0 | 1354.0 | 1354.0 | 1354.0 | 1354.0 | 1354.0 | 1354.0 | 1354.0 | 1354.0 |
| 2.5° | 1388.6 | 1384.8 | 1388.6 | 1386.0 | 1387.2 | 1383.4 | 1371.9 | 1368.0 | 1371.9 | 1375.8 | 1375.8 |
| 5° | 1405.2 | 1402.6 | 1405.2 | 1405.2 | 1403.9 | 1401.4 | 1388.6 | 1386.0 | 1388.6 | 1389.8 | 1387.2 |
| 7.5° | 1410.3 | 1406.5 | 1410.3 | 1407.8 | 1407.8 | 1405.2 | 1392.4 | 1389.8 | 1391.1 | 1395.0 | 1391.1 |
| 10° | 1410.3 | 1406.5 | 1410.3 | 1409.0 | 1407.8 | 1405.2 | 1392.4 | 1387.2 | 1387.2 | 1391.1 | 1387.2 |
| 12.5° | 1403.9 | 1401.4 | 1403.9 | 1401.4 | 1401.4 | 1398.8 | 1386.0 | 1380.8 | 1382.2 | 1383.4 | 1378.3 |
| 15° | 1393.6 | 1389.8 | 1393.6 | 1391.1 | 1392.4 | 1388.6 | 1374.4 | 1369.4 | 1369.4 | 1371.9 | 1362.9 |
| 17.5° | 1378.3 | 1373.2 | 1378.3 | 1377.0 | 1375.8 | 1373.2 | 1360.4 | 1355.2 | 1354.0 | 1355.2 | 1348.8 |
| 20° | 1360.4 | 1356.5 | 1360.4 | 1359.1 | 1359.1 | 1354.0 | 1341.1 | 1334.7 | 1334.7 | 1334.7 | 1328.3 |
| 22.5° | 1332.2 | 1328.3 | 1332.2 | 1334.7 | 1334.7 | 1333.5 | 1321.9 | 1312.9 | 1310.5 | 1310.5 | 1302.7 |
| 25° | 1300.1 | 1296.3 | 1300.1 | 1300.1 | 1298.9 | 1300.1 | 1296.3 | 1291.2 | 1287.3 | 1283.5 | 1275.8 |
| 27.5° | 1269.4 | 1266.9 | 1269.4 | 1266.9 | 1269.4 | 1265.6 | 1264.3 | 1263.0 | 1257.9 | 1254.0 | 1243.8 |
| 30° | 1238.6 | 1236.2 | 1238.6 | 1236.2 | 1233.6 | 1231.0 | 1224.6 | 1222.0 | 1227.2 | 1224.6 | 1208.0 |
| 32.5° | 1200.2 | 1197.7 | 1200.2 | 1200.2 | 1197.7 | 1197.7 | 1187.4 | 1183.6 | 1184.9 | 1192.6 | 1177.2 |
| 35° | 1160.5 | 1156.7 | 1160.5 | 1159.3 | 1160.5 | 1156.7 | 1150.3 | 1149.1 | 1143.9 | 1152.9 | 1141.3 |
| 37.5° | 1114.4 | 1110.6 | 1114.4 | 1114.4 | 1114.4 | 1117.0 | 1111.9 | 1108.0 | 1100.4 | 1111.9 | 1102.9 |
| 40° | 1067.0 | 1061.9 | 1067.0 | 1065.8 | 1067.0 | 1069.6 | 1067.0 | 1064.4 | 1056.8 | 1065.8 | 1058.0 |
| 42.5° | 1013.3 | 1011.9 | 1013.3 | 1014.5 | 1014.5 | 1019.7 | 1023.5 | 1018.3 | 1015.8 | 1009.3 | 1014.5 |
| 45° | 955.6 | 953.0 | 955.6 | 958.2 | 959.4 | 962.0 | 973.5 | 973.5 | 969.7 | 959.4 | 967.1 |
| 47.5° | 894.1 | 887.7 | 894.1 | 901.8 | 901.8 | 905.6 | 917.2 | 926.2 | 919.8 | 906.9 | 910.8 |
| 50° | 828.7 | 830.1 | 828.7 | 833.9 | 833.9 | 847.9 | 856.9 | 865.9 | 872.3 | 856.9 | 839.1 |
| 52.5° | 764.8 | 763.4 | 764.8 | 768.6 | 773.6 | 780.1 | 795.5 | 804.4 | 814.7 | 805.7 | 777.6 |
| 55° | 700.7 | 703.3 | 700.7 | 701.9 | 704.5 | 708.3 | 731.4 | 740.4 | 759.6 | 748.1 | 718.6 |
| 57.5° | 636.6 | 632.8 | 636.6 | 639.2 | 640.5 | 644.3 | 663.5 | 680.2 | 691.7 | 692.9 | 657.1 |
| 60° | 562.3 | 557.2 | 562.3 | 573.9 | 576.4 | 579.0 | 596.9 | 612.3 | 622.6 | 626.4 | 589.2 |
| 62.5° | 497.0 | 488.0 | 497.0 | 504.7 | 509.8 | 516.2 | 529.1 | 552.1 | 561.1 | 562.3 | 509.8 |
| 65° | 427.8 | 424.0 | 427.8 | 443.2 | 444.5 | 452.2 | 466.2 | 482.9 | 502.1 | 499.6 | 424.0 |
| 67.5° | 365.1 | 365.1 | 365.1 | 375.3 | 383.1 | 386.9 | 404.8 | 412.5 | 436.8 | 439.4 | 353.5 |
| 70° | 307.4 | 306.2 | 307.4 | 315.2 | 320.2 | 329.2 | 345.9 | 354.8 | 374.1 | 380.5 | 287.0 |
| 72.5° | 252.3 | 251.1 | 252.3 | 258.7 | 263.9 | 271.6 | 285.6 | 295.9 | 312.6 | 320.2 | 222.9 |
| 75° | 203.7 | 201.1 | 203.7 | 208.8 | 207.5 | 217.7 | 229.3 | 239.5 | 254.9 | 260.0 | 165.2 |
| 77.5° | 156.2 | 156.2 | 156.2 | 161.4 | 161.4 | 171.6 | 176.8 | 189.6 | 198.5 | 206.3 | 121.7 |
| 80° | 116.6 | 115.3 | 116.6 | 117.8 | 117.8 | 123.0 | 132.0 | 140.9 | 148.6 | 148.6 | 83.3 |
| 82.5° | 81.9 | 79.5 | 81.9 | 81.9 | 81.9 | 84.5 | 89.7 | 92.3 | 97.3 | 101.2 | 52.5 |
| 85° | 51.3 | 51.3 | 51.3 | 52.5 | 51.3 | 53.8 | 55.1 | 57.7 | 57.7 | 55.1 | 32.0 |
| 87.5° | 33.3 | 32.0 | 33.3 | 32.0 | 32.0 | 30.8 | 30.8 | 30.8 | 29.5 | 28.2 | 18.0 |
| 90° | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 50.0 | 66.8 | 75.2 | 64.7 | 43.5 | 27.7 |
| 92.5° | 150.5 | 120.6 | 150.5 | 180.4 | 187.8 | 266.3 | 370.9 | 423.3 | 371.6 | 268.4 | 190.9 |
| 95° | 524.7 | 434.1 | 524.7 | 615.2 | 637.8 | 837.6 | 1104.0 | 1237.1 | 1044.9 | 660.3 | 371.9 |
| 97.5° | 1257.2 | 1084.9 | 1257.2 | 1429.4 | 1472.5 | 1598.8 | 1767.1 | 1851.3 | 1530.7 | 889.4 | 408.5 |
| 100° | 1811.3 | 1606.0 | 1811.3 | 2016.6 | 2067.9 | 2058.6 | 2046.3 | 2040.2 | 1684.3 | 972.8 | 439.1 |
| 102.5° | 2356.4 | 2180.6 | 2356.4 | 2532.2 | 2576.1 | 2415.3 | 2200.8 | 2093.6 | 1732.8 | 1011.1 | 469.8 |
| 105° | 3051.3 | 2956.9 | 3051.3 | 3145.9 | 3169.5 | 2808.8 | 2328.0 | 2087.6 | 1738.2 | 1039.3 | 515.2 |
| 107.5° | 3506.6 | 3529.4 | 3506.6 | 3483.7 | 3478.0 | 2975.0 | 2304.3 | 1968.9 | 1660.8 | 1044.6 | 582.5 |
| 110° | 3680.2 | 3778.6 | 3680.2 | 3581.7 | 3557.1 | 2994.8 | 2245.0 | 1870.1 | 1592.3 | 1036.7 | 620.1 |



TEST NUMBER: P935495

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-8-4000K

CANDELA DISTRIBUTION (continued):

| | 80° | 90° | 100° | 110° | 112.5° | 120° | 130° | 135° | 140° | 150° | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 3695.7 | 3846.8 | 3695.7 | 3544.5 | 3506.7 | 2931.1 | 2163.7 | 1780.0 | 1532.4 | 1037.0 | 665.5 |
| 115° | 3597.7 | 3807.3 | 3597.7 | 3388.1 | 3335.6 | 2781.2 | 2041.9 | 1672.3 | 1463.7 | 1046.6 | 733.7 |
| 117.5° | 3389.9 | 3622.4 | 3389.9 | 3157.4 | 3099.3 | 2598.8 | 1931.7 | 1598.1 | 1420.8 | 1066.1 | 800.0 |
| 120° | 3222.5 | 3448.3 | 3222.5 | 2996.5 | 2940.1 | 2482.8 | 1873.2 | 1568.4 | 1406.2 | 1081.8 | 838.6 |
| 122.5° | 3059.4 | 3282.2 | 3059.4 | 2836.5 | 2780.9 | 2369.2 | 1820.1 | 1545.7 | 1398.6 | 1104.6 | 884.0 |
| 125° | 2826.8 | 3032.0 | 2826.8 | 2621.5 | 2570.2 | 2220.5 | 1754.1 | 1520.9 | 1392.4 | 1135.2 | 942.4 |
| 127.5° | 2617.6 | 2790.7 | 2617.6 | 2444.3 | 2401.1 | 2100.8 | 1700.4 | 1500.2 | 1388.8 | 1166.0 | 998.8 |
| 130° | 2494.3 | 2654.2 | 2494.3 | 2334.3 | 2294.3 | 2027.0 | 1670.5 | 1492.3 | 1391.0 | 1188.3 | 1036.4 |
| 132.5° | 2382.4 | 2525.7 | 2382.4 | 2239.1 | 2203.3 | 1964.0 | 1644.9 | 1485.3 | 1392.4 | 1206.5 | 1067.0 |
| 135° | 2229.2 | 2352.6 | 2229.2 | 2105.6 | 2074.7 | 1874.3 | 1607.1 | 1473.5 | 1391.1 | 1226.2 | 1102.6 |
| 137.5° | 2106.2 | 2207.3 | 2106.2 | 2005.1 | 1979.8 | 1810.4 | 1584.4 | 1471.5 | 1399.6 | 1255.9 | 1148.1 |
| 140° | 2021.8 | 2116.3 | 2021.8 | 1927.3 | 1903.7 | 1757.3 | 1562.2 | 1464.6 | 1401.1 | 1274.1 | 1178.8 |
| 142.5° | 1951.8 | 2033.2 | 1951.8 | 1870.6 | 1850.2 | 1721.7 | 1550.3 | 1464.6 | 1406.1 | 1289.2 | 1201.5 |
| 145° | 1847.1 | 1908.6 | 1847.1 | 1785.6 | 1770.2 | 1665.0 | 1524.8 | 1454.7 | 1406.1 | 1309.0 | 1236.2 |
| 147.5° | 1766.7 | 1817.7 | 1766.7 | 1715.7 | 1703.0 | 1620.2 | 1509.9 | 1454.7 | 1415.8 | 1338.1 | 1279.7 |
| 150° | 1716.0 | 1757.3 | 1716.0 | 1674.7 | 1664.4 | 1594.5 | 1501.3 | 1454.7 | 1420.8 | 1353.1 | 1302.4 |
| 152.5° | 1672.7 | 1703.9 | 1672.7 | 1641.5 | 1633.7 | 1574.0 | 1494.5 | 1454.7 | 1424.1 | 1363.1 | 1317.2 |
| 155° | 1622.9 | 1643.6 | 1622.9 | 1602.3 | 1597.1 | 1549.7 | 1486.4 | 1454.7 | 1431.4 | 1384.8 | 1349.9 |
| 157.5° | 1583.6 | 1598.1 | 1583.6 | 1569.1 | 1565.4 | 1528.5 | 1479.3 | 1454.7 | 1438.6 | 1406.5 | 1382.5 |
| 160° | 1560.0 | 1568.4 | 1560.0 | 1551.7 | 1549.6 | 1518.0 | 1475.8 | 1454.7 | 1442.0 | 1416.5 | 1397.4 |
| 162.5° | 1544.7 | 1552.6 | 1544.7 | 1536.8 | 1534.8 | 1508.0 | 1472.4 | 1454.7 | 1445.4 | 1427.0 | 1413.1 |
| 165° | 1522.5 | 1530.9 | 1522.5 | 1514.2 | 1512.1 | 1493.0 | 1467.5 | 1454.7 | 1450.5 | 1442.1 | 1435.9 |
| 167.5° | 1506.5 | 1510.0 | 1506.5 | 1503.0 | 1502.1 | 1489.6 | 1472.9 | 1464.6 | 1461.1 | 1454.0 | 1448.7 |
| 170° | 1502.1 | 1502.1 | 1502.1 | 1502.1 | 1502.1 | 1489.6 | 1472.9 | 1464.6 | 1464.4 | 1463.9 | 1463.6 |
| 172.5° | 1490.4 | 1487.3 | 1490.4 | 1493.5 | 1494.3 | 1484.4 | 1471.2 | 1464.6 | 1464.6 | 1464.6 | 1464.6 |
| 175° | 1483.4 | 1483.4 | 1483.4 | 1483.4 | 1483.4 | 1477.1 | 1468.8 | 1464.6 | 1466.6 | 1470.5 | 1473.5 |
| 177.5° | 1477.0 | 1473.5 | 1477.0 | 1480.5 | 1481.4 | 1476.4 | 1469.8 | 1466.6 | 1468.1 | 1471.2 | 1473.5 |
| 180° | 1473.5 | 1473.5 | 1473.5 | 1473.5 | 1473.5 | 1473.5 | 1473.5 | 1473.5 | 1473.5 | 1473.5 | 1473.5 |



TEST NUMBER: P935495

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-8-4000K

CANDELA DISTRIBUTION (continued):

| | 160° | 170° | 180° | 190° | 200° | 202.5° | 210° | 220° | 225° | 230° | 240° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1354.0 | 1354.0 | 1354.0 | 1354.0 | 1354.0 | 1354.0 | 1354.0 | 1354.0 | 1354.0 | 1354.0 | 1354.0 |
| 2.5° | 1373.2 | 1365.5 | 1365.5 | 1352.7 | 1347.6 | 1343.7 | 1337.3 | 1318.1 | 1312.9 | 1307.9 | 1315.5 |
| 5° | 1384.8 | 1370.6 | 1360.4 | 1337.3 | 1318.1 | 1310.5 | 1286.1 | 1240.0 | 1209.2 | 1186.1 | 1173.3 |
| 7.5° | 1387.2 | 1369.4 | 1350.1 | 1314.3 | 1268.1 | 1247.6 | 1173.3 | 1088.8 | 1065.8 | 1045.2 | 1032.5 |
| 10° | 1384.8 | 1364.2 | 1337.3 | 1283.5 | 1174.6 | 1138.7 | 1064.4 | 1009.3 | 995.3 | 991.5 | 995.3 |
| 12.5° | 1375.8 | 1356.5 | 1319.3 | 1229.8 | 1077.2 | 1053.0 | 1009.3 | 977.3 | 974.8 | 981.2 | 1015.8 |
| 15° | 1360.4 | 1342.4 | 1298.9 | 1157.9 | 1023.5 | 1005.5 | 974.8 | 963.3 | 977.3 | 1022.2 | 1125.9 |
| 17.5° | 1345.0 | 1324.5 | 1270.7 | 1087.6 | 982.5 | 969.7 | 947.9 | 970.9 | 1050.4 | 1110.6 | 1145.1 |
| 20° | 1324.5 | 1300.1 | 1238.6 | 1036.3 | 953.0 | 941.5 | 931.2 | 1035.0 | 1095.2 | 1117.0 | 1136.2 |
| 22.5° | 1300.1 | 1274.5 | 1195.1 | 1000.5 | 922.2 | 913.4 | 919.8 | 1070.8 | 1095.2 | 1110.6 | 1127.2 |
| 25° | 1268.1 | 1246.4 | 1143.9 | 972.3 | 898.0 | 887.7 | 912.0 | 1067.0 | 1081.2 | 1085.0 | 1118.3 |
| 27.5° | 1238.6 | 1210.5 | 1090.1 | 946.6 | 868.5 | 864.7 | 918.4 | 1050.4 | 1060.6 | 1064.4 | 1100.4 |
| 30° | 1202.8 | 1160.5 | 1029.9 | 919.8 | 837.7 | 836.5 | 919.8 | 1029.9 | 1027.3 | 1037.6 | 1073.4 |
| 32.5° | 1165.7 | 1086.2 | 962.0 | 886.4 | 808.3 | 807.0 | 910.8 | 999.1 | 996.5 | 1010.7 | 1037.6 |
| 35° | 1131.1 | 1028.6 | 869.7 | 847.9 | 771.2 | 772.4 | 889.0 | 963.3 | 964.6 | 977.3 | 994.1 |
| 37.5° | 1095.2 | 978.7 | 768.6 | 805.7 | 735.3 | 735.3 | 859.5 | 930.0 | 927.4 | 931.2 | 954.3 |
| 40° | 1053.0 | 900.5 | 678.9 | 750.6 | 701.9 | 698.1 | 823.7 | 894.1 | 885.1 | 883.9 | 915.8 |
| 42.5° | 1008.1 | 814.7 | 612.3 | 677.7 | 663.5 | 658.4 | 780.1 | 850.5 | 833.9 | 837.7 | 878.7 |
| 45° | 959.4 | 791.6 | 561.1 | 572.6 | 623.8 | 620.0 | 732.7 | 800.6 | 789.0 | 799.3 | 841.5 |
| 47.5° | 910.8 | 745.5 | 544.4 | 475.2 | 581.6 | 580.3 | 680.2 | 751.9 | 745.5 | 755.8 | 800.6 |
| 50° | 844.1 | 694.3 | 543.1 | 407.3 | 534.1 | 539.3 | 617.4 | 704.5 | 704.5 | 713.5 | 760.8 |
| 52.5° | 758.4 | 631.5 | 493.2 | 368.9 | 479.0 | 494.4 | 562.3 | 663.5 | 666.1 | 675.1 | 717.3 |
| 55° | 680.2 | 566.2 | 457.3 | 339.4 | 413.7 | 447.0 | 508.5 | 621.2 | 626.4 | 635.4 | 673.8 |
| 57.5° | 608.4 | 471.4 | 449.6 | 304.8 | 353.5 | 385.5 | 461.2 | 580.3 | 582.8 | 590.5 | 627.6 |
| 60° | 531.6 | 340.7 | 412.5 | 267.7 | 301.0 | 325.4 | 417.6 | 531.6 | 540.5 | 545.7 | 577.7 |
| 62.5° | 444.5 | 247.2 | 374.1 | 242.1 | 275.4 | 280.5 | 381.7 | 485.5 | 497.0 | 500.9 | 520.1 |
| 65° | 316.4 | 207.5 | 317.6 | 220.3 | 248.5 | 249.8 | 343.3 | 438.1 | 448.4 | 454.8 | 468.8 |
| 67.5° | 213.9 | 169.1 | 242.1 | 199.8 | 228.1 | 229.3 | 306.2 | 383.1 | 397.1 | 402.2 | 411.2 |
| 70° | 148.6 | 112.7 | 179.3 | 178.0 | 204.9 | 207.5 | 266.4 | 333.0 | 345.9 | 349.7 | 354.8 |
| 72.5° | 108.9 | 90.9 | 148.6 | 160.2 | 180.6 | 183.2 | 225.5 | 276.7 | 289.5 | 293.4 | 295.9 |
| 75° | 83.3 | 96.1 | 120.4 | 139.6 | 153.8 | 155.0 | 184.4 | 225.5 | 234.5 | 236.9 | 238.3 |
| 77.5° | 66.6 | 89.7 | 88.4 | 112.7 | 125.5 | 123.0 | 144.8 | 174.2 | 181.9 | 181.9 | 181.9 |
| 80° | 49.9 | 70.5 | 66.6 | 80.7 | 92.3 | 89.7 | 103.7 | 124.2 | 126.8 | 129.4 | 128.1 |
| 82.5° | 37.1 | 44.8 | 44.8 | 51.3 | 61.5 | 58.9 | 69.1 | 80.7 | 80.7 | 80.7 | 83.3 |
| 85° | 23.0 | 25.6 | 20.5 | 26.9 | 34.6 | 33.3 | 38.4 | 43.5 | 44.8 | 44.8 | 42.3 |
| 87.5° | 14.1 | 11.6 | 6.4 | 10.2 | 15.4 | 15.4 | 18.0 | 19.2 | 18.0 | 18.0 | 18.0 |
| 90° | 25.7 | 17.9 | 9.9 | 17.9 | 25.7 | 27.7 | 43.5 | 64.7 | 75.2 | 66.8 | 50.0 |
| 92.5° | 174.1 | 106.8 | 39.5 | 106.8 | 174.1 | 190.9 | 268.4 | 371.6 | 423.3 | 370.9 | 266.3 |
| 95° | 341.1 | 218.0 | 94.9 | 218.0 | 341.1 | 371.9 | 660.3 | 1044.9 | 1237.1 | 1104.0 | 837.6 |
| 97.5° | 381.3 | 272.7 | 164.2 | 272.7 | 381.3 | 408.5 | 889.4 | 1530.7 | 1851.3 | 1767.1 | 1598.8 |
| 100° | 414.5 | 316.0 | 217.5 | 316.0 | 414.5 | 439.1 | 972.8 | 1684.3 | 2040.2 | 2046.3 | 2058.6 |
| 102.5° | 446.7 | 354.9 | 263.0 | 354.9 | 446.7 | 469.8 | 1011.1 | 1732.8 | 2093.6 | 2200.8 | 2415.3 |
| 105° | 495.7 | 418.0 | 340.2 | 418.0 | 495.7 | 515.2 | 1039.3 | 1738.2 | 2087.6 | 2328.0 | 2808.8 |
| 107.5° | 564.3 | 491.8 | 419.3 | 491.8 | 564.3 | 582.5 | 1044.6 | 1660.8 | 1968.9 | 2304.3 | 2975.0 |
| 110° | 603.8 | 538.2 | 472.7 | 538.2 | 603.8 | 620.1 | 1036.7 | 1592.3 | 1870.1 | 2245.0 | 2994.8 |



TEST NUMBER: P935495

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-8-4000K

CANDELA DISTRIBUTION (continued):

| | 160° | 170° | 180° | 190° | 200° | 202.5° | 210° | 220° | 225° | 230° | 240° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 650.0 | 587.5 | 525.2 | 587.5 | 650.0 | 665.5 | 1037.0 | 1532.4 | 1780.0 | 2163.7 | 2931.1 |
| 115° | 719.3 | 661.8 | 604.2 | 661.8 | 719.3 | 733.7 | 1046.6 | 1463.7 | 1672.3 | 2041.9 | 2781.2 |
| 117.5° | 786.9 | 734.7 | 682.3 | 734.7 | 786.9 | 800.0 | 1066.1 | 1420.8 | 1598.1 | 1931.7 | 2598.8 |
| 120° | 826.3 | 777.1 | 727.8 | 777.1 | 826.3 | 838.6 | 1081.8 | 1406.2 | 1568.4 | 1873.2 | 2482.8 |
| 122.5° | 871.6 | 822.0 | 772.3 | 822.0 | 871.6 | 884.0 | 1104.6 | 1398.6 | 1545.7 | 1820.1 | 2369.2 |
| 125° | 931.1 | 885.9 | 840.6 | 885.9 | 931.1 | 942.4 | 1135.2 | 1392.4 | 1520.9 | 1754.1 | 2220.5 |
| 127.5° | 987.4 | 941.7 | 896.0 | 941.7 | 987.4 | 998.8 | 1166.0 | 1388.8 | 1500.2 | 1700.4 | 2100.8 |
| 130° | 1024.0 | 974.9 | 925.6 | 974.9 | 1024.0 | 1036.4 | 1188.3 | 1391.0 | 1492.3 | 1670.5 | 2027.0 |
| 132.5° | 1054.7 | 1005.5 | 956.2 | 1005.5 | 1054.7 | 1067.0 | 1206.5 | 1392.4 | 1485.3 | 1644.9 | 1964.0 |
| 135° | 1091.5 | 1046.6 | 1001.8 | 1046.6 | 1091.5 | 1102.6 | 1226.2 | 1391.1 | 1473.5 | 1607.1 | 1874.3 |
| 137.5° | 1137.0 | 1092.6 | 1048.2 | 1092.6 | 1137.0 | 1148.1 | 1255.9 | 1399.6 | 1471.5 | 1584.4 | 1810.4 |
| 140° | 1168.5 | 1127.7 | 1086.8 | 1127.7 | 1168.5 | 1178.8 | 1274.1 | 1401.1 | 1464.6 | 1562.2 | 1757.3 |
| 142.5° | 1192.0 | 1154.3 | 1116.5 | 1154.3 | 1192.0 | 1201.5 | 1289.2 | 1406.1 | 1464.6 | 1550.3 | 1721.7 |
| 145° | 1227.9 | 1194.9 | 1161.9 | 1194.9 | 1227.9 | 1236.2 | 1309.0 | 1406.1 | 1454.7 | 1524.8 | 1665.0 |
| 147.5° | 1271.7 | 1239.6 | 1207.5 | 1239.6 | 1271.7 | 1279.7 | 1338.1 | 1415.8 | 1454.7 | 1509.9 | 1620.2 |
| 150° | 1295.2 | 1266.1 | 1237.1 | 1266.1 | 1295.2 | 1302.4 | 1353.1 | 1420.8 | 1454.7 | 1501.3 | 1594.5 |
| 152.5° | 1311.7 | 1289.7 | 1267.8 | 1289.7 | 1311.7 | 1317.2 | 1363.1 | 1424.1 | 1454.7 | 1494.5 | 1574.0 |
| 155° | 1345.8 | 1329.6 | 1313.3 | 1329.6 | 1345.8 | 1349.9 | 1384.8 | 1431.4 | 1454.7 | 1486.4 | 1549.7 |
| 157.5° | 1378.5 | 1362.7 | 1346.9 | 1362.7 | 1378.5 | 1382.5 | 1406.5 | 1438.6 | 1454.7 | 1479.3 | 1528.5 |
| 160° | 1394.3 | 1382.0 | 1369.7 | 1382.0 | 1394.3 | 1397.4 | 1416.5 | 1442.0 | 1454.7 | 1475.8 | 1518.0 |
| 162.5° | 1410.8 | 1401.6 | 1392.4 | 1401.6 | 1410.8 | 1413.1 | 1427.0 | 1445.4 | 1454.7 | 1472.4 | 1508.0 |
| 165° | 1433.8 | 1425.5 | 1417.1 | 1425.5 | 1433.8 | 1435.9 | 1442.1 | 1450.5 | 1454.7 | 1467.5 | 1493.0 |
| 167.5° | 1447.8 | 1443.8 | 1439.9 | 1443.8 | 1447.8 | 1448.7 | 1454.0 | 1461.1 | 1464.6 | 1472.9 | 1489.6 |
| 170° | 1462.7 | 1458.7 | 1454.7 | 1458.7 | 1462.7 | 1463.6 | 1463.9 | 1464.4 | 1464.6 | 1472.9 | 1489.6 |
| 172.5° | 1464.4 | 1463.4 | 1462.6 | 1463.4 | 1464.4 | 1464.6 | 1464.6 | 1464.6 | 1464.6 | 1471.2 | 1484.4 |
| 175° | 1473.5 | 1473.5 | 1473.5 | 1473.5 | 1473.5 | 1473.5 | 1470.5 | 1466.6 | 1464.6 | 1468.8 | 1477.1 |
| 177.5° | 1473.5 | 1473.5 | 1473.5 | 1473.5 | 1473.5 | 1473.5 | 1471.2 | 1468.1 | 1466.6 | 1469.8 | 1476.4 |
| 180° | 1473.5 | 1473.5 | 1473.5 | 1473.5 | 1473.5 | 1473.5 | 1473.5 | 1473.5 | 1473.5 | 1473.5 | 1473.5 |



TEST NUMBER: P935495
 CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-8-4000K

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 260° | 270° | 280° | 290° | 292.5° | 300° | 310° | 315° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1354.0 | 1354.0 | 1354.0 | 1354.0 | 1354.0 | 1354.0 | 1354.0 | 1354.0 | 1354.0 | 1354.0 | 1354.0 |
| 2.5° | 1306.5 | 1302.7 | 1307.9 | 1293.7 | 1307.9 | 1302.7 | 1306.5 | 1315.5 | 1307.9 | 1312.9 | 1318.1 |
| 5° | 1146.5 | 1140.1 | 1119.5 | 1102.9 | 1119.5 | 1140.1 | 1146.5 | 1173.3 | 1186.1 | 1209.2 | 1240.0 |
| 7.5° | 1024.7 | 1019.7 | 1014.5 | 1004.3 | 1014.5 | 1019.7 | 1024.7 | 1032.5 | 1045.2 | 1065.8 | 1088.8 |
| 10° | 997.9 | 999.1 | 1006.9 | 1005.5 | 1006.9 | 999.1 | 997.9 | 995.3 | 991.5 | 995.3 | 1009.3 |
| 12.5° | 1067.0 | 1078.6 | 1120.8 | 1118.3 | 1120.8 | 1078.6 | 1067.0 | 1015.8 | 981.2 | 974.8 | 977.3 |
| 15° | 1146.5 | 1150.3 | 1159.3 | 1160.5 | 1159.3 | 1150.3 | 1146.5 | 1125.9 | 1022.2 | 977.3 | 963.3 |
| 17.5° | 1154.1 | 1155.5 | 1161.9 | 1161.9 | 1161.9 | 1155.5 | 1154.1 | 1145.1 | 1110.6 | 1050.4 | 970.9 |
| 20° | 1147.7 | 1150.3 | 1163.1 | 1165.7 | 1163.1 | 1150.3 | 1147.7 | 1136.2 | 1117.0 | 1095.2 | 1035.0 |
| 22.5° | 1145.1 | 1150.3 | 1160.5 | 1159.3 | 1160.5 | 1150.3 | 1145.1 | 1127.2 | 1110.6 | 1095.2 | 1070.8 |
| 25° | 1132.3 | 1132.3 | 1133.7 | 1134.9 | 1133.7 | 1132.3 | 1132.3 | 1118.3 | 1085.0 | 1081.2 | 1067.0 |
| 27.5° | 1105.4 | 1108.0 | 1115.7 | 1114.4 | 1115.7 | 1108.0 | 1105.4 | 1100.4 | 1064.4 | 1060.6 | 1050.4 |
| 30° | 1081.2 | 1078.6 | 1072.2 | 1067.0 | 1072.2 | 1078.6 | 1081.2 | 1073.4 | 1037.6 | 1027.3 | 1029.9 |
| 32.5° | 1040.1 | 1033.7 | 1027.3 | 1023.5 | 1027.3 | 1033.7 | 1040.1 | 1037.6 | 1010.7 | 996.5 | 999.1 |
| 35° | 991.5 | 992.7 | 991.5 | 987.6 | 991.5 | 992.7 | 991.5 | 994.1 | 977.3 | 964.6 | 963.3 |
| 37.5° | 956.9 | 959.4 | 958.2 | 953.0 | 958.2 | 959.4 | 956.9 | 954.3 | 931.2 | 927.4 | 930.0 |
| 40° | 921.0 | 922.2 | 921.0 | 917.2 | 921.0 | 922.2 | 921.0 | 915.8 | 883.9 | 885.1 | 894.1 |
| 42.5° | 886.4 | 885.1 | 881.3 | 878.7 | 881.3 | 885.1 | 886.4 | 878.7 | 837.7 | 833.9 | 850.5 |
| 45° | 846.7 | 847.9 | 840.3 | 836.5 | 840.3 | 847.9 | 846.7 | 841.5 | 799.3 | 789.0 | 800.6 |
| 47.5° | 807.0 | 807.0 | 800.6 | 796.8 | 800.6 | 807.0 | 807.0 | 800.6 | 755.8 | 745.5 | 751.9 |
| 50° | 764.8 | 763.4 | 754.4 | 753.2 | 754.4 | 763.4 | 764.8 | 760.8 | 713.5 | 704.5 | 704.5 |
| 52.5° | 716.1 | 716.1 | 717.3 | 719.9 | 717.3 | 716.1 | 716.1 | 717.3 | 675.1 | 666.1 | 663.5 |
| 55° | 673.8 | 675.1 | 684.1 | 686.5 | 684.1 | 675.1 | 673.8 | 673.8 | 635.4 | 626.4 | 621.2 |
| 57.5° | 630.2 | 630.2 | 636.6 | 636.6 | 636.6 | 630.2 | 630.2 | 627.6 | 590.5 | 582.8 | 580.3 |
| 60° | 580.3 | 582.8 | 588.0 | 586.7 | 588.0 | 582.8 | 580.3 | 577.7 | 545.7 | 540.5 | 531.6 |
| 62.5° | 527.7 | 530.3 | 531.6 | 529.1 | 531.6 | 530.3 | 527.7 | 520.1 | 500.9 | 497.0 | 485.5 |
| 65° | 472.6 | 475.2 | 476.5 | 474.0 | 476.5 | 475.2 | 472.6 | 468.8 | 454.8 | 448.4 | 438.1 |
| 67.5° | 416.3 | 415.0 | 413.7 | 418.9 | 413.7 | 415.0 | 416.3 | 411.2 | 402.2 | 397.1 | 383.1 |
| 70° | 358.7 | 358.7 | 357.4 | 359.9 | 357.4 | 358.7 | 358.7 | 354.8 | 349.7 | 345.9 | 333.0 |
| 72.5° | 297.2 | 295.9 | 301.0 | 297.2 | 301.0 | 295.9 | 297.2 | 295.9 | 293.4 | 289.5 | 276.7 |
| 75° | 236.9 | 239.5 | 236.9 | 240.9 | 236.9 | 239.5 | 236.9 | 238.3 | 236.9 | 234.5 | 225.5 |
| 77.5° | 180.6 | 183.2 | 180.6 | 180.6 | 180.6 | 183.2 | 180.6 | 181.9 | 181.9 | 181.9 | 174.2 |
| 80° | 128.1 | 126.8 | 126.8 | 125.5 | 126.8 | 126.8 | 128.1 | 128.1 | 129.4 | 126.8 | 124.2 |
| 82.5° | 81.9 | 80.7 | 80.7 | 83.3 | 80.7 | 80.7 | 81.9 | 83.3 | 80.7 | 80.7 | 80.7 |
| 85° | 44.8 | 46.1 | 43.5 | 43.5 | 43.5 | 46.1 | 44.8 | 42.3 | 44.8 | 44.8 | 43.5 |
| 87.5° | 16.6 | 15.4 | 15.4 | 15.4 | 15.4 | 15.4 | 16.6 | 18.0 | 18.0 | 18.0 | 19.2 |
| 90° | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 50.0 | 66.8 | 75.2 | 64.7 |
| 92.5° | 187.8 | 180.4 | 150.5 | 120.6 | 150.5 | 180.4 | 187.8 | 266.3 | 370.9 | 423.3 | 371.6 |
| 95° | 637.8 | 615.2 | 524.7 | 434.1 | 524.7 | 615.2 | 637.8 | 837.6 | 1104.0 | 1237.1 | 1044.9 |
| 97.5° | 1472.5 | 1429.4 | 1257.2 | 1084.9 | 1257.2 | 1429.4 | 1472.5 | 1598.8 | 1767.1 | 1851.3 | 1530.7 |
| 100° | 2067.9 | 2016.6 | 1811.3 | 1606.0 | 1811.3 | 2016.6 | 2067.9 | 2058.6 | 2046.3 | 2040.2 | 1684.3 |
| 102.5° | 2576.1 | 2532.2 | 2356.4 | 2180.6 | 2356.4 | 2532.2 | 2576.1 | 2415.3 | 2200.8 | 2093.6 | 1732.8 |
| 105° | 3169.5 | 3145.9 | 3051.3 | 2956.9 | 3051.3 | 3145.9 | 3169.5 | 2808.8 | 2328.0 | 2087.6 | 1738.2 |
| 107.5° | 3478.0 | 3483.7 | 3506.6 | 3529.4 | 3506.6 | 3483.7 | 3478.0 | 2975.0 | 2304.3 | 1968.9 | 1660.8 |
| 110° | 3557.1 | 3581.7 | 3680.2 | 3778.6 | 3680.2 | 3581.7 | 3557.1 | 2994.8 | 2245.0 | 1870.1 | 1592.3 |



TEST NUMBER: P935495

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-8-4000K

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 260° | 270° | 280° | 290° | 292.5° | 300° | 310° | 315° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 3506.7 | 3544.5 | 3695.7 | 3846.8 | 3695.7 | 3544.5 | 3506.7 | 2931.1 | 2163.7 | 1780.0 | 1532.4 |
| 115° | 3335.6 | 3388.1 | 3597.7 | 3807.3 | 3597.7 | 3388.1 | 3335.6 | 2781.2 | 2041.9 | 1672.3 | 1463.7 |
| 117.5° | 3099.3 | 3157.4 | 3389.9 | 3622.4 | 3389.9 | 3157.4 | 3099.3 | 2598.8 | 1931.7 | 1598.1 | 1420.8 |
| 120° | 2940.1 | 2996.5 | 3222.5 | 3448.3 | 3222.5 | 2996.5 | 2940.1 | 2482.8 | 1873.2 | 1568.4 | 1406.2 |
| 122.5° | 2780.9 | 2836.5 | 3059.4 | 3282.2 | 3059.4 | 2836.5 | 2780.9 | 2369.2 | 1820.1 | 1545.7 | 1398.6 |
| 125° | 2570.2 | 2621.5 | 2826.8 | 3032.0 | 2826.8 | 2621.5 | 2570.2 | 2220.5 | 1754.1 | 1520.9 | 1392.4 |
| 127.5° | 2401.1 | 2444.3 | 2617.6 | 2790.7 | 2617.6 | 2444.3 | 2401.1 | 2100.8 | 1700.4 | 1500.2 | 1388.8 |
| 130° | 2294.3 | 2334.3 | 2494.3 | 2654.2 | 2494.3 | 2334.3 | 2294.3 | 2027.0 | 1670.5 | 1492.3 | 1391.0 |
| 132.5° | 2203.3 | 2239.1 | 2382.4 | 2525.7 | 2382.4 | 2239.1 | 2203.3 | 1964.0 | 1644.9 | 1485.3 | 1392.4 |
| 135° | 2074.7 | 2105.6 | 2229.2 | 2352.6 | 2229.2 | 2105.6 | 2074.7 | 1874.3 | 1607.1 | 1473.5 | 1391.1 |
| 137.5° | 1979.8 | 2005.1 | 2106.2 | 2207.3 | 2106.2 | 2005.1 | 1979.8 | 1810.4 | 1584.4 | 1471.5 | 1399.6 |
| 140° | 1903.7 | 1927.3 | 2021.8 | 2116.3 | 2021.8 | 1927.3 | 1903.7 | 1757.3 | 1562.2 | 1464.6 | 1401.1 |
| 142.5° | 1850.2 | 1870.6 | 1951.8 | 2033.2 | 1951.8 | 1870.6 | 1850.2 | 1721.7 | 1550.3 | 1464.6 | 1406.1 |
| 145° | 1770.2 | 1785.6 | 1847.1 | 1908.6 | 1847.1 | 1785.6 | 1770.2 | 1665.0 | 1524.8 | 1454.7 | 1406.1 |
| 147.5° | 1703.0 | 1715.7 | 1766.7 | 1817.7 | 1766.7 | 1715.7 | 1703.0 | 1620.2 | 1509.9 | 1454.7 | 1415.8 |
| 150° | 1664.4 | 1674.7 | 1716.0 | 1757.3 | 1716.0 | 1674.7 | 1664.4 | 1594.5 | 1501.3 | 1454.7 | 1420.8 |
| 152.5° | 1633.7 | 1641.5 | 1672.7 | 1703.9 | 1672.7 | 1641.5 | 1633.7 | 1574.0 | 1494.5 | 1454.7 | 1424.1 |
| 155° | 1597.1 | 1602.3 | 1622.9 | 1643.6 | 1622.9 | 1602.3 | 1597.1 | 1549.7 | 1486.4 | 1454.7 | 1431.4 |
| 157.5° | 1565.4 | 1569.1 | 1583.6 | 1598.1 | 1583.6 | 1569.1 | 1565.4 | 1528.5 | 1479.3 | 1454.7 | 1438.6 |
| 160° | 1549.6 | 1551.7 | 1560.0 | 1568.4 | 1560.0 | 1551.7 | 1549.6 | 1518.0 | 1475.8 | 1454.7 | 1442.0 |
| 162.5° | 1534.8 | 1536.8 | 1544.7 | 1552.6 | 1544.7 | 1536.8 | 1534.8 | 1508.0 | 1472.4 | 1454.7 | 1445.4 |
| 165° | 1512.1 | 1514.2 | 1522.5 | 1530.9 | 1522.5 | 1514.2 | 1512.1 | 1493.0 | 1467.5 | 1454.7 | 1450.5 |
| 167.5° | 1502.1 | 1503.0 | 1506.5 | 1510.0 | 1506.5 | 1503.0 | 1502.1 | 1489.6 | 1472.9 | 1464.6 | 1461.1 |
| 170° | 1502.1 | 1502.1 | 1502.1 | 1502.1 | 1502.1 | 1502.1 | 1502.1 | 1489.6 | 1472.9 | 1464.6 | 1464.4 |
| 172.5° | 1494.3 | 1493.5 | 1490.4 | 1487.3 | 1490.4 | 1493.5 | 1494.3 | 1484.4 | 1471.2 | 1464.6 | 1464.6 |
| 175° | 1483.4 | 1483.4 | 1483.4 | 1483.4 | 1483.4 | 1483.4 | 1483.4 | 1477.1 | 1468.8 | 1464.6 | 1466.6 |
| 177.5° | 1481.4 | 1480.5 | 1477.0 | 1473.5 | 1477.0 | 1480.5 | 1481.4 | 1476.4 | 1469.8 | 1466.6 | 1468.1 |
| 180° | 1473.5 | 1473.5 | 1473.5 | 1473.5 | 1473.5 | 1473.5 | 1473.5 | 1473.5 | 1473.5 | 1473.5 | 1473.5 |



TEST NUMBER: P935495

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-8-4000K

CANDELA DISTRIBUTION (continued):

| | 330° | 337.5° | 340° | 350° | 360° |
|--------|--------|--------|--------|--------|--------|
| 0° | 1354.0 | 1354.0 | 1354.0 | 1354.0 | 1354.0 |
| 2.5° | 1337.3 | 1343.7 | 1347.6 | 1352.7 | 1365.5 |
| 5° | 1286.1 | 1310.5 | 1318.1 | 1337.3 | 1360.4 |
| 7.5° | 1173.3 | 1247.6 | 1268.1 | 1314.3 | 1350.1 |
| 10° | 1064.4 | 1138.7 | 1174.6 | 1283.5 | 1337.3 |
| 12.5° | 1009.3 | 1053.0 | 1077.2 | 1229.8 | 1319.3 |
| 15° | 974.8 | 1005.5 | 1023.5 | 1157.9 | 1298.9 |
| 17.5° | 947.9 | 969.7 | 982.5 | 1087.6 | 1270.7 |
| 20° | 931.2 | 941.5 | 953.0 | 1036.3 | 1238.6 |
| 22.5° | 919.8 | 913.4 | 922.2 | 1000.5 | 1195.1 |
| 25° | 912.0 | 887.7 | 898.0 | 972.3 | 1143.9 |
| 27.5° | 918.4 | 864.7 | 868.5 | 946.6 | 1090.1 |
| 30° | 919.8 | 836.5 | 837.7 | 919.8 | 1029.9 |
| 32.5° | 910.8 | 807.0 | 808.3 | 886.4 | 962.0 |
| 35° | 889.0 | 772.4 | 771.2 | 847.9 | 869.7 |
| 37.5° | 859.5 | 735.3 | 735.3 | 805.7 | 768.6 |
| 40° | 823.7 | 698.1 | 701.9 | 750.6 | 678.9 |
| 42.5° | 780.1 | 658.4 | 663.5 | 677.7 | 612.3 |
| 45° | 732.7 | 620.0 | 623.8 | 572.6 | 561.1 |
| 47.5° | 680.2 | 580.3 | 581.6 | 475.2 | 544.4 |
| 50° | 617.4 | 539.3 | 534.1 | 407.3 | 543.1 |
| 52.5° | 562.3 | 494.4 | 479.0 | 368.9 | 493.2 |
| 55° | 508.5 | 447.0 | 413.7 | 339.4 | 457.3 |
| 57.5° | 461.2 | 385.5 | 353.5 | 304.8 | 449.6 |
| 60° | 417.6 | 325.4 | 301.0 | 267.7 | 412.5 |
| 62.5° | 381.7 | 280.5 | 275.4 | 242.1 | 374.1 |
| 65° | 343.3 | 249.8 | 248.5 | 220.3 | 317.6 |
| 67.5° | 306.2 | 229.3 | 228.1 | 199.8 | 242.1 |
| 70° | 266.4 | 207.5 | 204.9 | 178.0 | 179.3 |
| 72.5° | 225.5 | 183.2 | 180.6 | 160.2 | 148.6 |
| 75° | 184.4 | 155.0 | 153.8 | 139.6 | 120.4 |
| 77.5° | 144.8 | 123.0 | 125.5 | 112.7 | 88.4 |
| 80° | 103.7 | 89.7 | 92.3 | 80.7 | 66.6 |
| 82.5° | 69.1 | 58.9 | 61.5 | 51.3 | 44.8 |
| 85° | 38.4 | 33.3 | 34.6 | 26.9 | 20.5 |
| 87.5° | 18.0 | 15.4 | 15.4 | 10.2 | 6.4 |
| 90° | 43.5 | 27.7 | 25.7 | 17.9 | 9.9 |
| 92.5° | 268.4 | 190.9 | 174.1 | 106.8 | 39.5 |
| 95° | 660.3 | 371.9 | 341.1 | 218.0 | 94.9 |
| 97.5° | 889.4 | 408.5 | 381.3 | 272.7 | 164.2 |
| 100° | 972.8 | 439.1 | 414.5 | 316.0 | 217.5 |
| 102.5° | 1011.1 | 469.8 | 446.7 | 354.9 | 263.0 |
| 105° | 1039.3 | 515.2 | 495.7 | 418.0 | 340.2 |
| 107.5° | 1044.6 | 582.5 | 564.3 | 491.8 | 419.3 |
| 110° | 1036.7 | 620.1 | 603.8 | 538.2 | 472.7 |



TEST NUMBER: P935495
 CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-8-4000K

CANDELA DISTRIBUTION (continued):

| | 330° | 337.5° | 340° | 350° | 360° |
|--------|--------|--------|--------|--------|--------|
| 112.5° | 1037.0 | 665.5 | 650.0 | 587.5 | 525.2 |
| 115° | 1046.6 | 733.7 | 719.3 | 661.8 | 604.2 |
| 117.5° | 1066.1 | 800.0 | 786.9 | 734.7 | 682.3 |
| 120° | 1081.8 | 838.6 | 826.3 | 777.1 | 727.8 |
| 122.5° | 1104.6 | 884.0 | 871.6 | 822.0 | 772.3 |
| 125° | 1135.2 | 942.4 | 931.1 | 885.9 | 840.6 |
| 127.5° | 1166.0 | 998.8 | 987.4 | 941.7 | 896.0 |
| 130° | 1188.3 | 1036.4 | 1024.0 | 974.9 | 925.6 |
| 132.5° | 1206.5 | 1067.0 | 1054.7 | 1005.5 | 956.2 |
| 135° | 1226.2 | 1102.6 | 1091.5 | 1046.6 | 1001.8 |
| 137.5° | 1255.9 | 1148.1 | 1137.0 | 1092.6 | 1048.2 |
| 140° | 1274.1 | 1178.8 | 1168.5 | 1127.7 | 1086.8 |
| 142.5° | 1289.2 | 1201.5 | 1192.0 | 1154.3 | 1116.5 |
| 145° | 1309.0 | 1236.2 | 1227.9 | 1194.9 | 1161.9 |
| 147.5° | 1338.1 | 1279.7 | 1271.7 | 1239.6 | 1207.5 |
| 150° | 1353.1 | 1302.4 | 1295.2 | 1266.1 | 1237.1 |
| 152.5° | 1363.1 | 1317.2 | 1311.7 | 1289.7 | 1267.8 |
| 155° | 1384.8 | 1349.9 | 1345.8 | 1329.6 | 1313.3 |
| 157.5° | 1406.5 | 1382.5 | 1378.5 | 1362.7 | 1346.9 |
| 160° | 1416.5 | 1397.4 | 1394.3 | 1382.0 | 1369.7 |
| 162.5° | 1427.0 | 1413.1 | 1410.8 | 1401.6 | 1392.4 |
| 165° | 1442.1 | 1435.9 | 1433.8 | 1425.5 | 1417.1 |
| 167.5° | 1454.0 | 1448.7 | 1447.8 | 1443.8 | 1439.9 |
| 170° | 1463.9 | 1463.6 | 1462.7 | 1458.7 | 1454.7 |
| 172.5° | 1464.6 | 1464.6 | 1464.4 | 1463.4 | 1462.6 |
| 175° | 1470.5 | 1473.5 | 1473.5 | 1473.5 | 1473.5 |
| 177.5° | 1471.2 | 1473.5 | 1473.5 | 1473.5 | 1473.5 |
| 180° | 1473.5 | 1473.5 | 1473.5 | 1473.5 | 1473.5 |



TEST NUMBER: P935495
 CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-8-4000K

CIE UGR TABLE:

| Reflectances: | | | | | | | | | | | |
|-----------------|------|------------------|-------|-------|-------|-------|----------------|-------|-------|-------|-------|
| Ceiling | | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 |
| Wall | | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 |
| Reference plane | | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| Room dimensions | | Viewed crosswise | | | | | Viewed endwise | | | | |
| X=2H | Y=2H | 8.54 | 9.22 | 9.67 | 10.35 | 11.91 | 11.37 | 12.06 | 12.51 | 13.18 | 14.75 |
| | 3H | 9.00 | 9.61 | 10.14 | 10.75 | 12.33 | 12.71 | 13.32 | 13.85 | 14.46 | 16.04 |
| | 4H | 9.18 | 9.77 | 10.33 | 10.90 | 12.49 | 13.15 | 13.73 | 14.30 | 14.86 | 16.45 |
| | 6H | 9.29 | 9.83 | 10.45 | 10.96 | 12.56 | 13.42 | 13.96 | 14.58 | 15.10 | 16.69 |
| | 8H | 9.29 | 9.80 | 10.45 | 10.95 | 12.54 | 13.49 | 14.00 | 14.65 | 15.15 | 16.75 |
| | 12H | 9.25 | 9.74 | 10.42 | 10.88 | 12.50 | 13.53 | 14.01 | 14.69 | 15.16 | 16.77 |
| 4H | 2H | 9.55 | 10.13 | 10.71 | 11.26 | 12.85 | 11.76 | 12.34 | 12.92 | 13.48 | 15.06 |
| | 3H | 10.56 | 11.05 | 11.72 | 12.20 | 13.80 | 13.25 | 13.74 | 14.42 | 14.90 | 16.50 |
| | 4H | 10.83 | 11.28 | 11.99 | 12.42 | 14.04 | 13.77 | 14.22 | 14.94 | 15.37 | 16.99 |
| | 6H | 10.94 | 11.33 | 12.11 | 12.50 | 14.10 | 14.13 | 14.51 | 15.30 | 15.68 | 17.29 |
| | 8H | 10.94 | 11.30 | 12.11 | 12.46 | 14.09 | 14.24 | 14.59 | 15.41 | 15.75 | 17.38 |
| | 12H | 10.90 | 11.23 | 12.09 | 12.40 | 14.03 | 14.28 | 14.61 | 15.47 | 15.78 | 17.41 |
| 8H | 4H | 11.27 | 11.63 | 12.44 | 12.79 | 14.41 | 13.88 | 14.24 | 15.05 | 15.40 | 17.03 |
| | 6H | 11.52 | 11.82 | 12.71 | 13.02 | 14.64 | 14.32 | 14.61 | 15.51 | 15.81 | 17.44 |
| | 8H | 11.56 | 11.82 | 12.76 | 13.00 | 14.64 | 14.47 | 14.72 | 15.66 | 15.91 | 17.55 |
| | 12H | 11.54 | 11.77 | 12.74 | 12.94 | 14.62 | 14.56 | 14.78 | 15.76 | 15.96 | 17.64 |
| 12H | 4H | 11.27 | 11.59 | 12.45 | 12.76 | 14.39 | 13.84 | 14.16 | 15.03 | 15.34 | 16.97 |
| | 6H | 11.58 | 11.84 | 12.78 | 13.02 | 14.66 | 14.31 | 14.57 | 15.51 | 15.75 | 17.39 |
| | 8H | 11.64 | 11.87 | 12.84 | 13.05 | 14.72 | 14.47 | 14.69 | 15.66 | 15.87 | 17.55 |