

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: P935731

Luminaire Tested: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-4-2700K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935731
REPORT IS A COMBINATION OF REPORTS P933766 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-4-2700K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

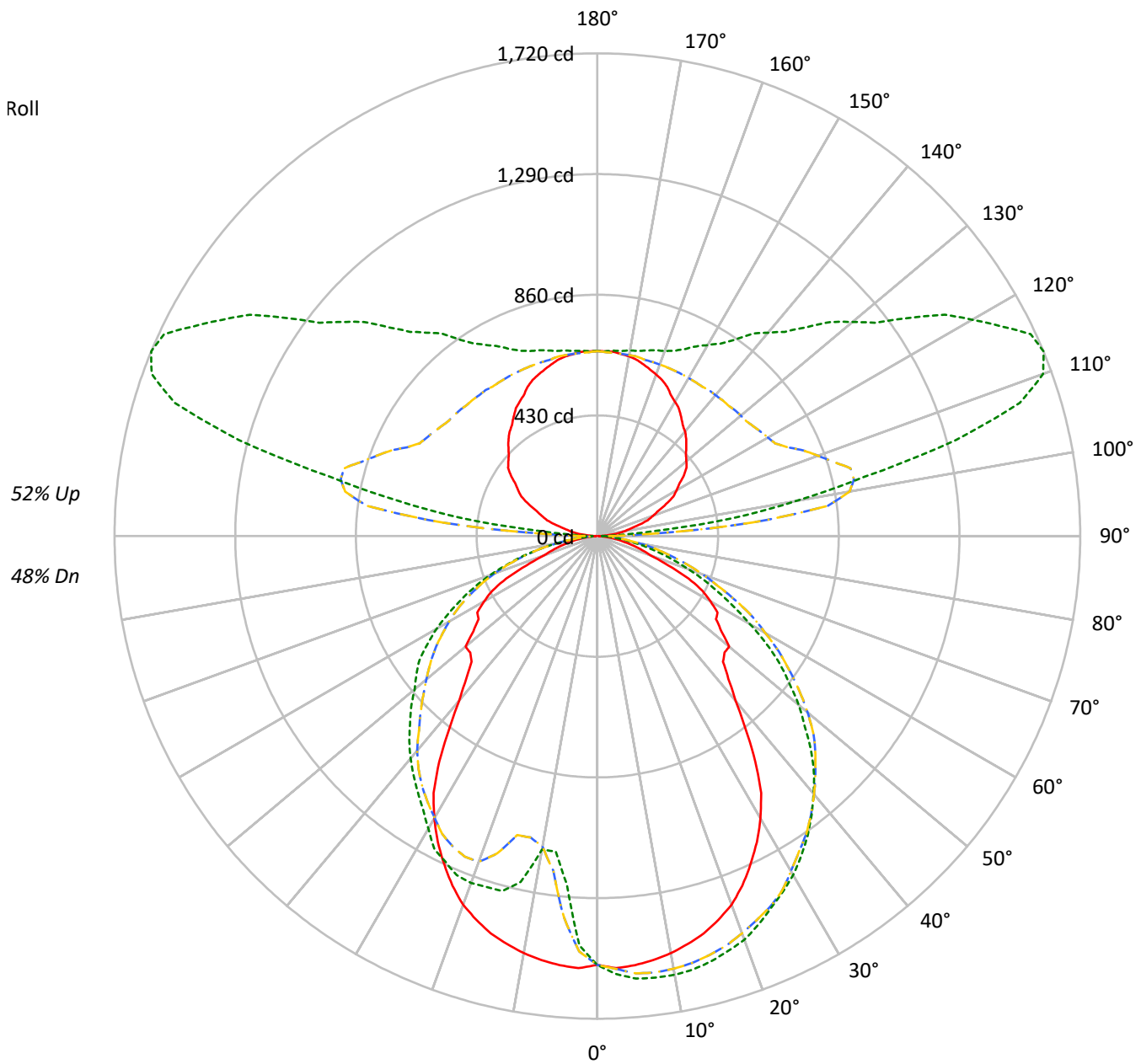
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8235.5 lumens
Efficiency: N/A
Efficacy: 109.5 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 75.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P935731
CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-4-2700K

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 | 50 | 30 | 10 | 0 |
| RCR | | | | | | | | | | | | | | | | | | | | | |
| 0 | 107 | 107 | 107 | 107 | 98 | 98 | 98 | 98 | 82 | 82 | 82 | 68 | 68 | 68 | 54 | 54 | 54 | 48 | 48 | 48 | 48 |
| 1 | 97 | 93 | 89 | 86 | 90 | 86 | 83 | 80 | 72 | 70 | 68 | 60 | 58 | 57 | 48 | 47 | 46 | 41 | 41 | 41 | 41 |
| 2 | 89 | 81 | 75 | 70 | 81 | 75 | 70 | 65 | 63 | 59 | 56 | 52 | 50 | 47 | 42 | 41 | 39 | 34 | 34 | 34 | 34 |
| 3 | 81 | 71 | 64 | 58 | 74 | 66 | 60 | 55 | 56 | 51 | 47 | 46 | 43 | 40 | 38 | 35 | 33 | 29 | 29 | 29 | 29 |
| 4 | 74 | 63 | 55 | 49 | 68 | 59 | 52 | 46 | 50 | 44 | 40 | 41 | 37 | 34 | 34 | 31 | 28 | 25 | 25 | 25 | 25 |
| 5 | 68 | 56 | 48 | 42 | 62 | 52 | 45 | 40 | 44 | 39 | 35 | 37 | 33 | 30 | 30 | 27 | 25 | 21 | 21 | 21 | 21 |
| 6 | 63 | 50 | 42 | 37 | 57 | 47 | 40 | 34 | 40 | 34 | 30 | 33 | 29 | 26 | 27 | 24 | 22 | 19 | 19 | 19 | 19 |
| 7 | 58 | 45 | 38 | 32 | 53 | 42 | 35 | 30 | 36 | 31 | 26 | 30 | 26 | 23 | 25 | 22 | 19 | 17 | 17 | 17 | 17 |
| 8 | 54 | 41 | 34 | 28 | 49 | 38 | 31 | 27 | 33 | 27 | 23 | 28 | 23 | 20 | 23 | 20 | 17 | 15 | 15 | 15 | 15 |
| 9 | 50 | 38 | 30 | 25 | 46 | 35 | 28 | 24 | 30 | 25 | 21 | 25 | 21 | 18 | 21 | 18 | 16 | 13 | 13 | 13 | 13 |
| 10 | 47 | 34 | 27 | 22 | 43 | 32 | 26 | 21 | 28 | 22 | 19 | 24 | 19 | 16 | 20 | 16 | 14 | 12 | 12 | 12 | 12 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 14178 | 14178 | 14178 | 14178 |
| 5° | 14267 | 14312 | 14267 | 11253 |
| 10° | 14157 | 14097 | 14157 | 10079 |
| 15° | 13987 | 13792 | 13987 | 11516 |
| 20° | 13678 | 13431 | 13678 | 11541 |
| 25° | 13064 | 12902 | 13064 | 11296 |
| 30° | 12274 | 12464 | 12274 | 10760 |
| 35° | 10927 | 11910 | 10927 | 10169 |
| 40° | 9089 | 11258 | 9089 | 9723 |
| 45° | 8105 | 10494 | 8105 | 9211 |
| 50° | 8590 | 9583 | 8590 | 8696 |
| 55° | 8062 | 8602 | 8062 | 8399 |
| 60° | 8279 | 7306 | 8279 | 7692 |
| 65° | 7471 | 6040 | 7471 | 6752 |
| 70° | 5136 | 4813 | 5136 | 5658 |
| 75° | 4457 | 3557 | 4457 | 4261 |
| 80° | 3519 | 2352 | 3519 | 2560 |
| 85° | 1913 | 1245 | 1913 | 1058 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 12446 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 137.9 | 1.7 |
| 10°-20° | 391.6 | 4.8 |
| 20°-30° | 605.3 | 7.4 |
| 30°-40° | 722.6 | 8.8 |
| 40°-50° | 726.8 | 8.8 |
| 50°-60° | 632.4 | 7.7 |
| 60°-70° | 448.4 | 5.4 |
| 70°-80° | 237.2 | 2.9 |
| 80°-90° | 61.6 | 0.7 |
| 90°-100° | 321.2 | 3.9 |
| 100°-110° | 844.4 | 10.3 |
| 110°-120° | 875.6 | 10.6 |
| 120°-130° | 702.3 | 8.5 |
| 130°-140° | 551.1 | 6.7 |
| 140°-150° | 423.0 | 5.1 |
| 150°-160° | 304.6 | 3.7 |
| 160°-170° | 186.4 | 2.3 |
| 170°-180° | 63.0 | 0.8 |
| 0°-30° | 1134.8 | 13.8 |
| 0°-40° | 1857.4 | 22.6 |
| 0°-60° | 3216.7 | 39.1 |
| 0°-90° | 3964.0 | 48.1 |
| 90°-120° | 2041.2 | 24.8 |
| 90°-150° | 3717.6 | 45.1 |
| 90°-180° | 4272.0 | 51.9 |
| 0°-180° | 8235.5 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1528 | 1528 | 1528 | 1528 | 1528 | |
| 5° | 1535 | 1583 | 1535 | 1244 | 1535 | 146 |
| 15° | 1466 | 1568 | 1466 | 1310 | 1466 | 412 |
| 25° | 1291 | 1463 | 1291 | 1281 | 1291 | 593 |
| 35° | 982 | 1305 | 982 | 1114 | 982 | 607 |
| 45° | 633 | 1075 | 633 | 944 | 633 | 507 |
| 55° | 516 | 794 | 516 | 775 | 516 | 474 |
| 65° | 358 | 478 | 358 | 535 | 358 | 343 |
| 75° | 136 | 227 | 136 | 272 | 136 | 143 |
| 85° | 23 | 58 | 23 | 49 | 23 | 31 |
| 90° | 4 | 17 | 4 | 17 | 4 | 5 |
| 95° | 42 | 194 | 42 | 194 | 42 | 47 |
| 105° | 152 | 1322 | 152 | 1322 | 152 | 161 |
| 115° | 270 | 1703 | 270 | 1703 | 270 | 267 |
| 125° | 376 | 1356 | 376 | 1356 | 376 | 334 |
| 135° | 448 | 1052 | 448 | 1052 | 448 | 347 |
| 145° | 520 | 854 | 520 | 854 | 520 | 326 |
| 155° | 587 | 735 | 587 | 735 | 587 | 270 |
| 165° | 634 | 685 | 634 | 685 | 634 | 179 |
| 175° | 659 | 663 | 659 | 663 | 659 | 63 |
| 180° | 659 | 659 | 659 | 659 | 659 | |



TEST NUMBER: P935731

CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-4-2700K

CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1527.9 | 1527.9 | 1527.9 | 1527.9 | 1527.9 | 1527.9 | 1527.9 | 1527.9 | 1527.9 | 1527.9 | 1527.9 |
| 2.5° | 1540.8 | 1540.8 | 1549.6 | 1552.5 | 1552.5 | 1548.1 | 1543.8 | 1548.1 | 1561.1 | 1565.4 | 1564.0 |
| 5° | 1535.0 | 1546.7 | 1562.5 | 1565.4 | 1568.3 | 1566.9 | 1564.0 | 1566.9 | 1581.3 | 1584.2 | 1585.7 |
| 7.5° | 1523.5 | 1545.2 | 1565.4 | 1569.8 | 1574.1 | 1569.8 | 1568.3 | 1571.3 | 1585.7 | 1588.6 | 1588.6 |
| 10° | 1509.1 | 1539.4 | 1562.5 | 1565.4 | 1569.8 | 1565.4 | 1565.4 | 1571.3 | 1585.7 | 1588.6 | 1590.0 |
| 12.5° | 1488.8 | 1530.8 | 1552.5 | 1555.3 | 1561.1 | 1559.6 | 1558.2 | 1564.0 | 1578.4 | 1581.3 | 1581.3 |
| 15° | 1465.7 | 1514.9 | 1535.0 | 1537.9 | 1548.1 | 1545.2 | 1545.2 | 1551.0 | 1566.9 | 1571.3 | 1569.8 |
| 17.5° | 1433.9 | 1494.6 | 1517.7 | 1522.1 | 1529.3 | 1527.9 | 1529.3 | 1535.0 | 1549.6 | 1552.5 | 1553.8 |
| 20° | 1397.8 | 1467.1 | 1494.6 | 1498.9 | 1506.2 | 1506.2 | 1506.2 | 1513.4 | 1527.9 | 1533.7 | 1533.7 |
| 22.5° | 1348.6 | 1438.3 | 1467.1 | 1470.0 | 1478.7 | 1478.7 | 1481.6 | 1491.7 | 1504.7 | 1506.2 | 1506.2 |
| 25° | 1290.8 | 1406.4 | 1431.0 | 1439.7 | 1448.3 | 1452.7 | 1457.1 | 1462.8 | 1467.1 | 1465.7 | 1467.1 |
| 27.5° | 1230.1 | 1365.9 | 1397.8 | 1403.5 | 1415.1 | 1419.5 | 1425.2 | 1426.6 | 1428.1 | 1432.5 | 1429.6 |
| 30° | 1162.1 | 1309.5 | 1357.3 | 1363.1 | 1381.9 | 1384.7 | 1379.0 | 1381.9 | 1389.1 | 1392.0 | 1394.9 |
| 32.5° | 1085.5 | 1225.8 | 1315.4 | 1328.3 | 1345.8 | 1337.1 | 1335.6 | 1340.0 | 1351.5 | 1351.5 | 1354.4 |
| 35° | 981.5 | 1160.7 | 1276.3 | 1287.9 | 1300.9 | 1290.8 | 1296.6 | 1298.0 | 1305.3 | 1309.5 | 1308.2 |
| 37.5° | 867.3 | 1104.3 | 1235.8 | 1244.5 | 1254.6 | 1241.6 | 1250.4 | 1254.6 | 1260.4 | 1257.5 | 1257.5 |
| 40° | 766.1 | 1016.2 | 1188.2 | 1194.0 | 1202.6 | 1192.5 | 1201.2 | 1204.1 | 1207.0 | 1204.1 | 1202.6 |
| 42.5° | 690.9 | 919.3 | 1137.6 | 1144.8 | 1139.0 | 1146.2 | 1149.1 | 1155.0 | 1150.6 | 1144.8 | 1144.8 |
| 45° | 633.1 | 893.3 | 1082.6 | 1091.3 | 1082.6 | 1094.2 | 1098.6 | 1098.6 | 1085.5 | 1082.6 | 1081.2 |
| 47.5° | 614.3 | 841.2 | 1027.7 | 1027.7 | 1023.4 | 1037.9 | 1045.0 | 1034.9 | 1022.0 | 1017.6 | 1017.6 |
| 50° | 612.8 | 783.4 | 952.5 | 946.8 | 967.0 | 984.4 | 977.1 | 967.0 | 956.9 | 941.0 | 941.0 |
| 52.5° | 556.5 | 712.6 | 855.8 | 877.4 | 909.2 | 919.3 | 907.8 | 897.6 | 880.3 | 873.1 | 867.3 |
| 55° | 516.1 | 638.9 | 767.5 | 810.9 | 844.1 | 857.1 | 835.5 | 825.3 | 799.4 | 795.0 | 792.1 |
| 57.5° | 507.4 | 532.0 | 686.6 | 741.6 | 782.0 | 780.6 | 767.5 | 748.7 | 727.0 | 722.8 | 721.3 |
| 60° | 465.4 | 384.5 | 599.9 | 664.9 | 706.8 | 702.5 | 690.9 | 673.6 | 653.3 | 650.4 | 647.6 |
| 62.5° | 422.1 | 279.0 | 501.5 | 575.3 | 634.5 | 633.1 | 623.0 | 597.0 | 582.5 | 575.3 | 569.5 |
| 65° | 358.5 | 234.2 | 357.0 | 478.5 | 563.7 | 566.6 | 544.9 | 526.1 | 510.3 | 501.5 | 500.1 |
| 67.5° | 273.2 | 190.8 | 241.4 | 399.0 | 495.8 | 492.9 | 465.4 | 456.8 | 436.5 | 432.2 | 423.6 |
| 70° | 202.3 | 127.2 | 167.7 | 323.8 | 429.3 | 422.1 | 400.4 | 390.3 | 371.5 | 361.4 | 355.6 |
| 72.5° | 167.7 | 102.7 | 122.8 | 251.5 | 361.4 | 352.7 | 333.9 | 322.3 | 306.5 | 297.7 | 291.9 |
| 75° | 135.9 | 108.4 | 94.0 | 186.5 | 293.4 | 287.7 | 270.3 | 258.7 | 245.7 | 234.2 | 235.6 |
| 77.5° | 99.8 | 101.2 | 75.2 | 137.3 | 232.7 | 224.0 | 214.0 | 199.4 | 193.7 | 182.1 | 182.1 |
| 80° | 75.2 | 79.5 | 56.4 | 94.0 | 167.7 | 167.7 | 159.0 | 148.9 | 138.8 | 133.0 | 133.0 |
| 82.5° | 50.6 | 50.6 | 41.9 | 59.3 | 114.2 | 109.8 | 104.0 | 101.2 | 95.4 | 92.5 | 92.5 |
| 85° | 23.1 | 28.9 | 26.1 | 36.1 | 62.2 | 65.1 | 65.1 | 62.2 | 60.7 | 57.8 | 59.3 |
| 87.5° | 7.3 | 13.0 | 15.9 | 20.2 | 31.8 | 33.2 | 34.7 | 34.7 | 34.7 | 36.1 | 36.1 |
| 90° | 4.4 | 7.9 | 11.5 | 12.4 | 19.5 | 28.9 | 33.6 | 29.8 | 22.4 | 16.8 | 16.8 |
| 92.5° | 17.7 | 47.7 | 77.8 | 85.3 | 120.0 | 166.2 | 189.3 | 165.9 | 119.2 | 84.0 | 80.7 |
| 95° | 42.5 | 97.5 | 152.5 | 166.3 | 295.3 | 467.2 | 553.2 | 493.7 | 374.6 | 285.3 | 275.1 |
| 97.5° | 73.4 | 121.9 | 170.5 | 182.6 | 397.7 | 684.4 | 827.8 | 790.2 | 714.9 | 658.4 | 639.2 |
| 100° | 97.3 | 141.4 | 185.3 | 196.4 | 435.0 | 753.2 | 912.3 | 915.0 | 920.6 | 924.7 | 901.7 |
| 102.5° | 117.6 | 158.7 | 199.8 | 210.0 | 452.1 | 774.9 | 936.2 | 984.2 | 1080.1 | 1152.0 | 1132.4 |
| 105° | 152.1 | 187.0 | 221.7 | 230.4 | 464.8 | 777.3 | 933.6 | 1041.1 | 1256.1 | 1417.3 | 1406.7 |
| 107.5° | 187.5 | 219.9 | 252.4 | 260.5 | 467.2 | 742.7 | 880.5 | 1030.5 | 1330.4 | 1555.3 | 1557.8 |
| 110° | 211.4 | 240.7 | 269.9 | 277.2 | 463.6 | 712.1 | 836.3 | 1003.9 | 1339.3 | 1590.7 | 1601.7 |



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CANDELA DISTRIBUTION (continued):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|
| 112.5° | 234.8 | 262.7 | 290.6 | 297.6 | 463.7 | 685.3 | 796.0 | 967.6 | 1310.8 | 1568.2 | 1585.1 |
| 115° | 270.2 | 296.0 | 321.8 | 328.2 | 468.1 | 654.5 | 747.8 | 913.1 | 1243.7 | 1491.6 | 1515.1 |
| 117.5° | 305.2 | 328.6 | 352.0 | 357.8 | 476.8 | 635.4 | 714.6 | 863.8 | 1162.1 | 1385.9 | 1411.9 |
| 120° | 325.5 | 347.5 | 369.6 | 375.0 | 483.9 | 628.9 | 701.4 | 837.7 | 1110.3 | 1314.8 | 1340.0 |
| 122.5° | 345.4 | 367.6 | 389.8 | 395.4 | 494.0 | 625.5 | 691.2 | 814.0 | 1059.5 | 1243.5 | 1268.5 |
| 125° | 375.9 | 396.1 | 416.4 | 421.4 | 507.7 | 622.7 | 680.1 | 784.4 | 992.9 | 1149.3 | 1172.3 |
| 127.5° | 400.7 | 421.1 | 441.5 | 446.6 | 521.4 | 621.0 | 670.8 | 760.3 | 939.5 | 1073.7 | 1093.1 |
| 130° | 413.9 | 435.9 | 458.0 | 463.4 | 531.4 | 622.1 | 667.3 | 747.0 | 906.4 | 1026.0 | 1043.8 |
| 132.5° | 427.7 | 449.7 | 471.7 | 477.2 | 539.6 | 622.7 | 664.3 | 735.6 | 878.3 | 985.3 | 1001.3 |
| 135° | 448.0 | 468.1 | 488.0 | 493.1 | 548.4 | 622.1 | 659.0 | 718.7 | 838.2 | 927.8 | 941.7 |
| 137.5° | 468.7 | 488.6 | 508.5 | 513.4 | 561.6 | 625.9 | 658.0 | 708.5 | 809.5 | 885.3 | 896.6 |
| 140° | 486.0 | 504.3 | 522.6 | 527.2 | 569.8 | 626.6 | 654.9 | 698.6 | 785.9 | 851.3 | 861.9 |
| 142.5° | 499.2 | 516.1 | 533.1 | 537.3 | 576.5 | 628.8 | 654.9 | 693.3 | 769.9 | 827.4 | 836.4 |
| 145° | 519.7 | 534.3 | 549.1 | 552.8 | 585.3 | 628.8 | 650.5 | 681.9 | 744.5 | 791.6 | 798.5 |
| 147.5° | 540.0 | 554.3 | 568.7 | 572.3 | 598.3 | 633.1 | 650.5 | 675.2 | 724.6 | 761.5 | 767.3 |
| 150° | 553.2 | 566.2 | 579.2 | 582.4 | 605.1 | 635.4 | 650.5 | 671.3 | 713.0 | 744.3 | 748.9 |
| 152.5° | 567.0 | 576.8 | 586.6 | 589.1 | 609.6 | 636.8 | 650.5 | 668.3 | 703.9 | 730.5 | 734.0 |
| 155° | 587.3 | 594.6 | 601.8 | 603.6 | 619.2 | 640.1 | 650.5 | 664.7 | 693.0 | 714.2 | 716.5 |
| 157.5° | 602.3 | 609.4 | 616.4 | 618.2 | 629.0 | 643.3 | 650.5 | 661.5 | 683.6 | 700.0 | 701.7 |
| 160° | 612.5 | 618.0 | 623.5 | 624.9 | 633.4 | 644.8 | 650.5 | 659.9 | 678.8 | 693.0 | 693.9 |
| 162.5° | 622.7 | 626.8 | 630.9 | 632.0 | 638.1 | 646.4 | 650.5 | 658.4 | 674.4 | 686.4 | 687.2 |
| 165° | 633.7 | 637.4 | 641.2 | 642.1 | 645.0 | 648.6 | 650.5 | 656.2 | 667.6 | 676.1 | 677.1 |
| 167.5° | 643.9 | 645.6 | 647.4 | 647.9 | 650.2 | 653.4 | 654.9 | 658.7 | 666.1 | 671.8 | 672.2 |
| 170° | 650.5 | 652.3 | 654.1 | 654.5 | 654.7 | 654.9 | 654.9 | 658.7 | 666.1 | 671.8 | 671.8 |
| 172.5° | 654.1 | 654.4 | 654.9 | 654.9 | 654.9 | 654.9 | 654.9 | 657.8 | 663.7 | 668.2 | 667.8 |
| 175° | 659.0 | 659.0 | 659.0 | 659.0 | 657.6 | 655.8 | 654.9 | 656.8 | 660.5 | 663.3 | 663.3 |
| 177.5° | 659.0 | 659.0 | 659.0 | 659.0 | 657.9 | 656.5 | 655.8 | 657.3 | 660.2 | 662.5 | 662.0 |
| 180° | 659.0 | 659.0 | 659.0 | 659.0 | 659.0 | 659.0 | 659.0 | 659.0 | 659.0 | 659.0 | 659.0 |



TEST NUMBER: P935731

CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-4-2700K

CANDELA DISTRIBUTION (continued):

| | 80° | 90° | 100° | 110° | 112.5° | 120° | 130° | 135° | 140° | 150° | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1527.9 | 1527.9 | 1527.9 | 1527.9 | 1527.9 | 1527.9 | 1527.9 | 1527.9 | 1527.9 | 1527.9 | 1527.9 |
| 2.5° | 1566.9 | 1562.5 | 1566.9 | 1564.0 | 1565.4 | 1561.1 | 1548.1 | 1543.8 | 1548.1 | 1552.5 | 1552.5 |
| 5° | 1585.7 | 1582.8 | 1585.7 | 1585.7 | 1584.2 | 1581.3 | 1566.9 | 1564.0 | 1566.9 | 1568.3 | 1565.4 |
| 7.5° | 1591.4 | 1587.1 | 1591.4 | 1588.6 | 1588.6 | 1585.7 | 1571.3 | 1568.3 | 1569.8 | 1574.1 | 1569.8 |
| 10° | 1591.4 | 1587.1 | 1591.4 | 1590.0 | 1588.6 | 1585.7 | 1571.3 | 1565.4 | 1565.4 | 1569.8 | 1565.4 |
| 12.5° | 1584.2 | 1581.3 | 1584.2 | 1581.3 | 1581.3 | 1578.4 | 1564.0 | 1558.2 | 1559.6 | 1561.1 | 1555.3 |
| 15° | 1572.6 | 1568.3 | 1572.6 | 1569.8 | 1571.3 | 1566.9 | 1551.0 | 1545.2 | 1545.2 | 1548.1 | 1537.9 |
| 17.5° | 1555.3 | 1549.6 | 1555.3 | 1553.8 | 1552.5 | 1549.6 | 1535.0 | 1529.3 | 1527.9 | 1529.3 | 1522.1 |
| 20° | 1535.0 | 1530.8 | 1535.0 | 1533.7 | 1533.7 | 1527.9 | 1513.4 | 1506.2 | 1506.2 | 1506.2 | 1498.9 |
| 22.5° | 1503.3 | 1498.9 | 1503.3 | 1506.2 | 1506.2 | 1504.7 | 1491.7 | 1481.6 | 1478.7 | 1478.7 | 1470.0 |
| 25° | 1467.1 | 1462.8 | 1467.1 | 1467.1 | 1465.7 | 1467.1 | 1462.8 | 1457.1 | 1452.7 | 1448.3 | 1439.7 |
| 27.5° | 1432.5 | 1429.6 | 1432.5 | 1429.6 | 1432.5 | 1428.1 | 1426.6 | 1425.2 | 1419.5 | 1415.1 | 1403.5 |
| 30° | 1397.8 | 1394.9 | 1397.8 | 1394.9 | 1392.0 | 1389.1 | 1381.9 | 1379.0 | 1384.7 | 1381.9 | 1363.1 |
| 32.5° | 1354.4 | 1351.5 | 1354.4 | 1354.4 | 1351.5 | 1351.5 | 1340.0 | 1335.6 | 1337.1 | 1345.8 | 1328.3 |
| 35° | 1309.5 | 1305.3 | 1309.5 | 1308.2 | 1309.5 | 1305.3 | 1298.0 | 1296.6 | 1290.8 | 1300.9 | 1287.9 |
| 37.5° | 1257.5 | 1253.2 | 1257.5 | 1257.5 | 1257.5 | 1260.4 | 1254.6 | 1250.4 | 1241.6 | 1254.6 | 1244.5 |
| 40° | 1204.1 | 1198.3 | 1204.1 | 1202.6 | 1204.1 | 1207.0 | 1204.1 | 1201.2 | 1192.5 | 1202.6 | 1194.0 |
| 42.5° | 1143.3 | 1141.9 | 1143.3 | 1144.8 | 1144.8 | 1150.6 | 1155.0 | 1149.1 | 1146.2 | 1139.0 | 1144.8 |
| 45° | 1078.3 | 1075.4 | 1078.3 | 1081.2 | 1082.6 | 1085.5 | 1098.6 | 1098.6 | 1094.2 | 1082.6 | 1091.3 |
| 47.5° | 1008.9 | 1001.7 | 1008.9 | 1017.6 | 1017.6 | 1022.0 | 1034.9 | 1045.0 | 1037.9 | 1023.4 | 1027.7 |
| 50° | 935.2 | 936.6 | 935.2 | 941.0 | 941.0 | 956.9 | 967.0 | 977.1 | 984.4 | 967.0 | 946.8 |
| 52.5° | 862.9 | 861.5 | 862.9 | 867.3 | 873.1 | 880.3 | 897.6 | 907.8 | 919.3 | 909.2 | 877.4 |
| 55° | 790.7 | 793.6 | 790.7 | 792.1 | 795.0 | 799.4 | 825.3 | 835.5 | 857.1 | 844.1 | 810.9 |
| 57.5° | 718.4 | 714.1 | 718.4 | 721.3 | 722.8 | 727.0 | 748.7 | 767.5 | 780.6 | 782.0 | 741.6 |
| 60° | 634.5 | 628.8 | 634.5 | 647.6 | 650.4 | 653.3 | 673.6 | 690.9 | 702.5 | 706.8 | 664.9 |
| 62.5° | 560.8 | 550.7 | 560.8 | 569.5 | 575.3 | 582.5 | 597.0 | 623.0 | 633.1 | 634.5 | 575.3 |
| 65° | 482.8 | 478.5 | 482.8 | 500.1 | 501.5 | 510.3 | 526.1 | 544.9 | 566.6 | 563.7 | 478.5 |
| 67.5° | 411.9 | 411.9 | 411.9 | 423.6 | 432.2 | 436.5 | 456.8 | 465.4 | 492.9 | 495.8 | 399.0 |
| 70° | 346.9 | 345.5 | 346.9 | 355.6 | 361.4 | 371.5 | 390.3 | 400.4 | 422.1 | 429.3 | 323.8 |
| 72.5° | 284.8 | 283.3 | 284.8 | 291.9 | 297.7 | 306.5 | 322.3 | 333.9 | 352.7 | 361.4 | 251.5 |
| 75° | 229.8 | 226.9 | 229.8 | 235.6 | 234.2 | 245.7 | 258.7 | 270.3 | 287.7 | 293.4 | 186.5 |
| 77.5° | 176.4 | 176.4 | 176.4 | 182.1 | 182.1 | 193.7 | 199.4 | 214.0 | 224.0 | 232.7 | 137.3 |
| 80° | 131.5 | 130.1 | 131.5 | 133.0 | 133.0 | 138.8 | 148.9 | 159.0 | 167.7 | 167.7 | 94.0 |
| 82.5° | 92.5 | 89.6 | 92.5 | 92.5 | 92.5 | 95.4 | 101.2 | 104.0 | 109.8 | 114.2 | 59.3 |
| 85° | 57.8 | 57.8 | 57.8 | 59.3 | 57.8 | 60.7 | 62.2 | 65.1 | 65.1 | 62.2 | 36.1 |
| 87.5° | 37.6 | 36.1 | 37.6 | 36.1 | 36.1 | 34.7 | 34.7 | 34.7 | 33.2 | 31.8 | 20.2 |
| 90° | 16.8 | 16.8 | 16.8 | 16.8 | 16.8 | 22.4 | 29.8 | 33.6 | 28.9 | 19.5 | 12.4 |
| 92.5° | 67.3 | 54.0 | 67.3 | 80.7 | 84.0 | 119.2 | 165.9 | 189.3 | 166.2 | 120.0 | 85.3 |
| 95° | 234.6 | 194.1 | 234.6 | 275.1 | 285.3 | 374.6 | 493.7 | 553.2 | 467.2 | 295.3 | 166.3 |
| 97.5° | 562.2 | 485.1 | 562.2 | 639.2 | 658.4 | 714.9 | 790.2 | 827.8 | 684.4 | 397.7 | 182.6 |
| 100° | 810.0 | 718.2 | 810.0 | 901.7 | 924.7 | 920.6 | 915.0 | 912.3 | 753.2 | 435.0 | 196.4 |
| 102.5° | 1053.7 | 975.2 | 1053.7 | 1132.4 | 1152.0 | 1080.1 | 984.2 | 936.2 | 774.9 | 452.1 | 210.0 |
| 105° | 1364.6 | 1322.3 | 1364.6 | 1406.7 | 1417.3 | 1256.1 | 1041.1 | 933.6 | 777.3 | 464.8 | 230.4 |
| 107.5° | 1568.1 | 1578.3 | 1568.1 | 1557.8 | 1555.3 | 1330.4 | 1030.5 | 880.5 | 742.7 | 467.2 | 260.5 |
| 110° | 1645.7 | 1689.7 | 1645.7 | 1601.7 | 1590.7 | 1339.3 | 1003.9 | 836.3 | 712.1 | 463.6 | 277.2 |



TEST NUMBER: P935731

CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-4-2700K

CANDELA DISTRIBUTION (continued):

| | 80° | 90° | 100° | 110° | 112.5° | 120° | 130° | 135° | 140° | 150° | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|--------|
| 112.5° | 1652.7 | 1720.3 | 1652.7 | 1585.1 | 1568.2 | 1310.8 | 967.6 | 796.0 | 685.3 | 463.7 | 297.6 |
| 115° | 1608.8 | 1702.6 | 1608.8 | 1515.1 | 1491.6 | 1243.7 | 913.1 | 747.8 | 654.5 | 468.1 | 328.2 |
| 117.5° | 1515.9 | 1619.9 | 1515.9 | 1411.9 | 1385.9 | 1162.1 | 863.8 | 714.6 | 635.4 | 476.8 | 357.8 |
| 120° | 1441.0 | 1542.0 | 1441.0 | 1340.0 | 1314.8 | 1110.3 | 837.7 | 701.4 | 628.9 | 483.9 | 375.0 |
| 122.5° | 1368.1 | 1467.7 | 1368.1 | 1268.5 | 1243.5 | 1059.5 | 814.0 | 691.2 | 625.5 | 494.0 | 395.4 |
| 125° | 1264.0 | 1355.8 | 1264.0 | 1172.3 | 1149.3 | 992.9 | 784.4 | 680.1 | 622.7 | 507.7 | 421.4 |
| 127.5° | 1170.5 | 1248.0 | 1170.5 | 1093.1 | 1073.7 | 939.5 | 760.3 | 670.8 | 621.0 | 521.4 | 446.6 |
| 130° | 1115.4 | 1187.0 | 1115.4 | 1043.8 | 1026.0 | 906.4 | 747.0 | 667.3 | 622.1 | 531.4 | 463.4 |
| 132.5° | 1065.4 | 1129.4 | 1065.4 | 1001.3 | 985.3 | 878.3 | 735.6 | 664.3 | 622.7 | 539.6 | 477.2 |
| 135° | 996.9 | 1052.0 | 996.9 | 941.7 | 927.8 | 838.2 | 718.7 | 659.0 | 622.1 | 548.4 | 493.1 |
| 137.5° | 941.8 | 987.0 | 941.8 | 896.6 | 885.3 | 809.5 | 708.5 | 658.0 | 625.9 | 561.6 | 513.4 |
| 140° | 904.1 | 946.4 | 904.1 | 861.9 | 851.3 | 785.9 | 698.6 | 654.9 | 626.6 | 569.8 | 527.2 |
| 142.5° | 872.8 | 909.2 | 872.8 | 836.4 | 827.4 | 769.9 | 693.3 | 654.9 | 628.8 | 576.5 | 537.3 |
| 145° | 826.0 | 853.5 | 826.0 | 798.5 | 791.6 | 744.5 | 681.9 | 650.5 | 628.8 | 585.3 | 552.8 |
| 147.5° | 790.0 | 812.8 | 790.0 | 767.3 | 761.5 | 724.6 | 675.2 | 650.5 | 633.1 | 598.3 | 572.3 |
| 150° | 767.4 | 785.9 | 767.4 | 748.9 | 744.3 | 713.0 | 671.3 | 650.5 | 635.4 | 605.1 | 582.4 |
| 152.5° | 748.0 | 762.0 | 748.0 | 734.0 | 730.5 | 703.9 | 668.3 | 650.5 | 636.8 | 609.6 | 589.1 |
| 155° | 725.8 | 735.0 | 725.8 | 716.5 | 714.2 | 693.0 | 664.7 | 650.5 | 640.1 | 619.2 | 603.6 |
| 157.5° | 708.2 | 714.6 | 708.2 | 701.7 | 700.0 | 683.6 | 661.5 | 650.5 | 643.3 | 629.0 | 618.2 |
| 160° | 697.7 | 701.4 | 697.7 | 693.9 | 693.0 | 678.8 | 659.9 | 650.5 | 644.8 | 633.4 | 624.9 |
| 162.5° | 690.8 | 694.3 | 690.8 | 687.2 | 686.4 | 674.4 | 658.4 | 650.5 | 646.4 | 638.1 | 632.0 |
| 165° | 680.8 | 684.6 | 680.8 | 677.1 | 676.1 | 667.6 | 656.2 | 650.5 | 648.6 | 645.0 | 642.1 |
| 167.5° | 673.7 | 675.3 | 673.7 | 672.2 | 671.8 | 666.1 | 658.7 | 654.9 | 653.4 | 650.2 | 647.9 |
| 170° | 671.8 | 671.8 | 671.8 | 671.8 | 671.8 | 666.1 | 658.7 | 654.9 | 654.9 | 654.7 | 654.5 |
| 172.5° | 666.5 | 665.1 | 666.5 | 667.8 | 668.2 | 663.7 | 657.8 | 654.9 | 654.9 | 654.9 | 654.9 |
| 175° | 663.3 | 663.3 | 663.3 | 663.3 | 663.3 | 660.5 | 656.8 | 654.9 | 655.8 | 657.6 | 659.0 |
| 177.5° | 660.5 | 659.0 | 660.5 | 662.0 | 662.5 | 660.2 | 657.3 | 655.8 | 656.5 | 657.9 | 659.0 |
| 180° | 659.0 | 659.0 | 659.0 | 659.0 | 659.0 | 659.0 | 659.0 | 659.0 | 659.0 | 659.0 | 659.0 |



TEST NUMBER: P935731

CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-4-2700K

CANDELA DISTRIBUTION (continued):

| | 160° | 170° | 180° | 190° | 200° | 202.5° | 210° | 220° | 225° | 230° | 240° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1527.9 | 1527.9 | 1527.9 | 1527.9 | 1527.9 | 1527.9 | 1527.9 | 1527.9 | 1527.9 | 1527.9 | 1527.9 |
| 2.5° | 1549.6 | 1540.8 | 1540.8 | 1526.4 | 1520.6 | 1516.2 | 1509.1 | 1487.4 | 1481.6 | 1475.8 | 1484.5 |
| 5° | 1562.5 | 1546.7 | 1535.0 | 1509.1 | 1487.4 | 1478.7 | 1451.2 | 1399.2 | 1364.6 | 1338.5 | 1324.1 |
| 7.5° | 1565.4 | 1545.2 | 1523.5 | 1483.0 | 1431.0 | 1407.9 | 1324.1 | 1228.7 | 1202.6 | 1179.5 | 1165.0 |
| 10° | 1562.5 | 1539.4 | 1509.1 | 1448.3 | 1325.5 | 1285.0 | 1201.2 | 1139.0 | 1123.1 | 1118.8 | 1123.1 |
| 12.5° | 1552.5 | 1530.8 | 1488.8 | 1387.6 | 1215.6 | 1188.2 | 1139.0 | 1102.9 | 1100.0 | 1107.2 | 1146.2 |
| 15° | 1535.0 | 1514.9 | 1465.7 | 1306.7 | 1155.0 | 1134.7 | 1100.0 | 1087.0 | 1102.9 | 1153.5 | 1270.6 |
| 17.5° | 1517.7 | 1494.6 | 1433.9 | 1227.2 | 1108.7 | 1094.2 | 1069.6 | 1095.7 | 1185.3 | 1253.2 | 1292.2 |
| 20° | 1494.6 | 1467.1 | 1397.8 | 1169.4 | 1075.4 | 1062.4 | 1050.8 | 1167.9 | 1235.8 | 1260.4 | 1282.1 |
| 22.5° | 1467.1 | 1438.3 | 1348.6 | 1128.9 | 1040.8 | 1030.6 | 1037.9 | 1208.4 | 1235.8 | 1253.2 | 1272.0 |
| 25° | 1431.0 | 1406.4 | 1290.8 | 1097.1 | 1013.3 | 1001.7 | 1029.1 | 1204.1 | 1220.0 | 1224.3 | 1261.9 |
| 27.5° | 1397.8 | 1365.9 | 1230.1 | 1068.2 | 980.0 | 975.7 | 1036.4 | 1185.3 | 1196.8 | 1201.2 | 1241.6 |
| 30° | 1357.3 | 1309.5 | 1162.1 | 1037.9 | 945.3 | 943.9 | 1037.9 | 1162.1 | 1159.2 | 1170.8 | 1211.3 |
| 32.5° | 1315.4 | 1225.8 | 1085.5 | 1000.3 | 912.1 | 910.7 | 1027.7 | 1127.4 | 1124.5 | 1140.4 | 1170.8 |
| 35° | 1276.3 | 1160.7 | 981.5 | 956.9 | 870.2 | 871.6 | 1003.2 | 1087.0 | 1088.4 | 1102.9 | 1121.6 |
| 37.5° | 1235.8 | 1104.3 | 867.3 | 909.2 | 829.7 | 829.7 | 969.9 | 1049.4 | 1046.5 | 1050.8 | 1076.9 |
| 40° | 1188.2 | 1016.2 | 766.1 | 847.0 | 792.1 | 787.8 | 929.5 | 1008.9 | 998.8 | 997.4 | 1033.5 |
| 42.5° | 1137.6 | 919.3 | 690.9 | 764.6 | 748.7 | 743.0 | 880.3 | 959.8 | 941.0 | 945.3 | 991.6 |
| 45° | 1082.6 | 893.3 | 633.1 | 646.1 | 704.0 | 699.6 | 826.8 | 903.4 | 890.4 | 902.0 | 949.7 |
| 47.5° | 1027.7 | 841.2 | 614.3 | 536.3 | 656.2 | 654.8 | 767.5 | 848.5 | 841.2 | 852.8 | 903.4 |
| 50° | 952.5 | 783.4 | 612.8 | 459.7 | 602.8 | 608.6 | 696.7 | 795.0 | 795.0 | 805.1 | 858.6 |
| 52.5° | 855.8 | 712.6 | 556.5 | 416.3 | 540.6 | 557.9 | 634.5 | 748.7 | 751.6 | 761.8 | 809.5 |
| 55° | 767.5 | 638.9 | 516.1 | 383.1 | 466.9 | 504.4 | 573.9 | 701.1 | 706.8 | 717.0 | 760.3 |
| 57.5° | 686.6 | 532.0 | 507.4 | 344.0 | 399.0 | 435.1 | 520.3 | 654.8 | 657.7 | 666.4 | 708.2 |
| 60° | 599.9 | 384.5 | 465.4 | 302.1 | 339.7 | 367.1 | 471.2 | 599.9 | 610.0 | 615.7 | 651.9 |
| 62.5° | 501.5 | 279.0 | 422.1 | 273.2 | 310.7 | 316.5 | 430.7 | 547.8 | 560.8 | 565.2 | 586.9 |
| 65° | 357.0 | 234.2 | 358.5 | 248.6 | 280.4 | 281.9 | 387.3 | 494.4 | 505.9 | 513.2 | 529.0 |
| 67.5° | 241.4 | 190.8 | 273.2 | 225.5 | 257.3 | 258.7 | 345.5 | 432.2 | 448.1 | 453.9 | 464.0 |
| 70° | 167.7 | 127.2 | 202.3 | 200.9 | 231.3 | 234.2 | 300.7 | 375.8 | 390.3 | 394.6 | 400.4 |
| 72.5° | 122.8 | 102.7 | 167.7 | 180.6 | 203.8 | 206.7 | 254.4 | 312.2 | 326.7 | 331.0 | 333.9 |
| 75° | 94.0 | 108.4 | 135.9 | 157.6 | 173.5 | 174.9 | 208.2 | 254.4 | 264.5 | 267.4 | 268.9 |
| 77.5° | 75.2 | 101.2 | 99.8 | 127.2 | 141.6 | 138.8 | 163.3 | 196.6 | 205.2 | 205.2 | 205.2 |
| 80° | 56.4 | 79.5 | 75.2 | 91.1 | 104.0 | 101.2 | 117.1 | 140.2 | 143.1 | 146.0 | 144.5 |
| 82.5° | 41.9 | 50.6 | 50.6 | 57.8 | 69.4 | 66.5 | 78.1 | 91.1 | 91.1 | 91.1 | 94.0 |
| 85° | 26.1 | 28.9 | 23.1 | 30.3 | 39.0 | 37.6 | 43.4 | 49.1 | 50.6 | 50.6 | 47.7 |
| 87.5° | 15.9 | 13.0 | 7.3 | 11.5 | 17.3 | 17.3 | 20.2 | 21.7 | 20.2 | 20.2 | 20.2 |
| 90° | 11.5 | 7.9 | 4.4 | 7.9 | 11.5 | 12.4 | 19.5 | 28.9 | 33.6 | 29.8 | 22.4 |
| 92.5° | 77.8 | 47.7 | 17.7 | 47.7 | 77.8 | 85.3 | 120.0 | 166.2 | 189.3 | 165.9 | 119.2 |
| 95° | 152.5 | 97.5 | 42.5 | 97.5 | 152.5 | 166.3 | 295.3 | 467.2 | 553.2 | 493.7 | 374.6 |
| 97.5° | 170.5 | 121.9 | 73.4 | 121.9 | 170.5 | 182.6 | 397.7 | 684.4 | 827.8 | 790.2 | 714.9 |
| 100° | 185.3 | 141.4 | 97.3 | 141.4 | 185.3 | 196.4 | 435.0 | 753.2 | 912.3 | 915.0 | 920.6 |
| 102.5° | 199.8 | 158.7 | 117.6 | 158.7 | 199.8 | 210.0 | 452.1 | 774.9 | 936.2 | 984.2 | 1080.1 |
| 105° | 221.7 | 187.0 | 152.1 | 187.0 | 221.7 | 230.4 | 464.8 | 777.3 | 933.6 | 1041.1 | 1256.1 |
| 107.5° | 252.4 | 219.9 | 187.5 | 219.9 | 252.4 | 260.5 | 467.2 | 742.7 | 880.5 | 1030.5 | 1330.4 |
| 110° | 269.9 | 240.7 | 211.4 | 240.7 | 269.9 | 277.2 | 463.6 | 712.1 | 836.3 | 1003.9 | 1339.3 |



TEST NUMBER: P935731

CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-4-2700K

CANDELA DISTRIBUTION (continued):

| | 160° | 170° | 180° | 190° | 200° | 202.5° | 210° | 220° | 225° | 230° | 240° |
|--------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|--------|
| 112.5° | 290.6 | 262.7 | 234.8 | 262.7 | 290.6 | 297.6 | 463.7 | 685.3 | 796.0 | 967.6 | 1310.8 |
| 115° | 321.8 | 296.0 | 270.2 | 296.0 | 321.8 | 328.2 | 468.1 | 654.5 | 747.8 | 913.1 | 1243.7 |
| 117.5° | 352.0 | 328.6 | 305.2 | 328.6 | 352.0 | 357.8 | 476.8 | 635.4 | 714.6 | 863.8 | 1162.1 |
| 120° | 369.6 | 347.5 | 325.5 | 347.5 | 369.6 | 375.0 | 483.9 | 628.9 | 701.4 | 837.7 | 1110.3 |
| 122.5° | 389.8 | 367.6 | 345.4 | 367.6 | 389.8 | 395.4 | 494.0 | 625.5 | 691.2 | 814.0 | 1059.5 |
| 125° | 416.4 | 396.1 | 375.9 | 396.1 | 416.4 | 421.4 | 507.7 | 622.7 | 680.1 | 784.4 | 992.9 |
| 127.5° | 441.5 | 421.1 | 400.7 | 421.1 | 441.5 | 446.6 | 521.4 | 621.0 | 670.8 | 760.3 | 939.5 |
| 130° | 458.0 | 435.9 | 413.9 | 435.9 | 458.0 | 463.4 | 531.4 | 622.1 | 667.3 | 747.0 | 906.4 |
| 132.5° | 471.7 | 449.7 | 427.7 | 449.7 | 471.7 | 477.2 | 539.6 | 622.7 | 664.3 | 735.6 | 878.3 |
| 135° | 488.0 | 468.1 | 448.0 | 468.1 | 488.0 | 493.1 | 548.4 | 622.1 | 659.0 | 718.7 | 838.2 |
| 137.5° | 508.5 | 488.6 | 468.7 | 488.6 | 508.5 | 513.4 | 561.6 | 625.9 | 658.0 | 708.5 | 809.5 |
| 140° | 522.6 | 504.3 | 486.0 | 504.3 | 522.6 | 527.2 | 569.8 | 626.6 | 654.9 | 698.6 | 785.9 |
| 142.5° | 533.1 | 516.1 | 499.2 | 516.1 | 533.1 | 537.3 | 576.5 | 628.8 | 654.9 | 693.3 | 769.9 |
| 145° | 549.1 | 534.3 | 519.7 | 534.3 | 549.1 | 552.8 | 585.3 | 628.8 | 650.5 | 681.9 | 744.5 |
| 147.5° | 568.7 | 554.3 | 540.0 | 554.3 | 568.7 | 572.3 | 598.3 | 633.1 | 650.5 | 675.2 | 724.6 |
| 150° | 579.2 | 566.2 | 553.2 | 566.2 | 579.2 | 582.4 | 605.1 | 635.4 | 650.5 | 671.3 | 713.0 |
| 152.5° | 586.6 | 576.8 | 567.0 | 576.8 | 586.6 | 589.1 | 609.6 | 636.8 | 650.5 | 668.3 | 703.9 |
| 155° | 601.8 | 594.6 | 587.3 | 594.6 | 601.8 | 603.6 | 619.2 | 640.1 | 650.5 | 664.7 | 693.0 |
| 157.5° | 616.4 | 609.4 | 602.3 | 609.4 | 616.4 | 618.2 | 629.0 | 643.3 | 650.5 | 661.5 | 683.6 |
| 160° | 623.5 | 618.0 | 612.5 | 618.0 | 623.5 | 624.9 | 633.4 | 644.8 | 650.5 | 659.9 | 678.8 |
| 162.5° | 630.9 | 626.8 | 622.7 | 626.8 | 630.9 | 632.0 | 638.1 | 646.4 | 650.5 | 658.4 | 674.4 |
| 165° | 641.2 | 637.4 | 633.7 | 637.4 | 641.2 | 642.1 | 645.0 | 648.6 | 650.5 | 656.2 | 667.6 |
| 167.5° | 647.4 | 645.6 | 643.9 | 645.6 | 647.4 | 647.9 | 650.2 | 653.4 | 654.9 | 658.7 | 666.1 |
| 170° | 654.1 | 652.3 | 650.5 | 652.3 | 654.1 | 654.5 | 654.7 | 654.9 | 654.9 | 658.7 | 666.1 |
| 172.5° | 654.9 | 654.4 | 654.1 | 654.4 | 654.9 | 654.9 | 654.9 | 654.9 | 654.9 | 657.8 | 663.7 |
| 175° | 659.0 | 659.0 | 659.0 | 659.0 | 659.0 | 659.0 | 657.6 | 655.8 | 654.9 | 656.8 | 660.5 |
| 177.5° | 659.0 | 659.0 | 659.0 | 659.0 | 659.0 | 659.0 | 657.9 | 656.5 | 655.8 | 657.3 | 660.2 |
| 180° | 659.0 | 659.0 | 659.0 | 659.0 | 659.0 | 659.0 | 659.0 | 659.0 | 659.0 | 659.0 | 659.0 |



TEST NUMBER: P935731

CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-4-2700K

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 260° | 270° | 280° | 290° | 292.5° | 300° | 310° | 315° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1527.9 | 1527.9 | 1527.9 | 1527.9 | 1527.9 | 1527.9 | 1527.9 | 1527.9 | 1527.9 | 1527.9 | 1527.9 |
| 2.5° | 1474.4 | 1470.0 | 1475.8 | 1459.9 | 1475.8 | 1470.0 | 1474.4 | 1484.5 | 1475.8 | 1481.6 | 1487.4 |
| 5° | 1293.7 | 1286.5 | 1263.3 | 1244.5 | 1263.3 | 1286.5 | 1293.7 | 1324.1 | 1338.5 | 1364.6 | 1399.2 |
| 7.5° | 1156.4 | 1150.6 | 1144.8 | 1133.3 | 1144.8 | 1150.6 | 1156.4 | 1165.0 | 1179.5 | 1202.6 | 1228.7 |
| 10° | 1126.0 | 1127.4 | 1136.2 | 1134.7 | 1136.2 | 1127.4 | 1126.0 | 1123.1 | 1118.8 | 1123.1 | 1139.0 |
| 12.5° | 1204.1 | 1217.0 | 1264.8 | 1261.9 | 1264.8 | 1217.0 | 1204.1 | 1146.2 | 1107.2 | 1100.0 | 1102.9 |
| 15° | 1293.7 | 1298.0 | 1308.2 | 1309.5 | 1308.2 | 1298.0 | 1293.7 | 1270.6 | 1153.5 | 1102.9 | 1087.0 |
| 17.5° | 1302.4 | 1303.8 | 1311.0 | 1311.0 | 1311.0 | 1303.8 | 1302.4 | 1292.2 | 1253.2 | 1185.3 | 1095.7 |
| 20° | 1295.1 | 1298.0 | 1312.5 | 1315.4 | 1312.5 | 1298.0 | 1295.1 | 1282.1 | 1260.4 | 1235.8 | 1167.9 |
| 22.5° | 1292.2 | 1298.0 | 1309.5 | 1308.2 | 1309.5 | 1298.0 | 1292.2 | 1272.0 | 1253.2 | 1235.8 | 1208.4 |
| 25° | 1277.8 | 1277.8 | 1279.2 | 1280.7 | 1279.2 | 1277.8 | 1277.8 | 1261.9 | 1224.3 | 1220.0 | 1204.1 |
| 27.5° | 1247.5 | 1250.4 | 1259.0 | 1257.5 | 1259.0 | 1250.4 | 1247.5 | 1241.6 | 1201.2 | 1196.8 | 1185.3 |
| 30° | 1220.0 | 1217.0 | 1209.9 | 1204.1 | 1209.9 | 1217.0 | 1220.0 | 1211.3 | 1170.8 | 1159.2 | 1162.1 |
| 32.5° | 1173.7 | 1166.5 | 1159.2 | 1155.0 | 1159.2 | 1166.5 | 1173.7 | 1170.8 | 1140.4 | 1124.5 | 1127.4 |
| 35° | 1118.8 | 1120.2 | 1118.8 | 1114.5 | 1118.8 | 1120.2 | 1118.8 | 1121.6 | 1102.9 | 1088.4 | 1087.0 |
| 37.5° | 1079.8 | 1082.6 | 1081.2 | 1075.4 | 1081.2 | 1082.6 | 1079.8 | 1076.9 | 1050.8 | 1046.5 | 1049.4 |
| 40° | 1039.3 | 1040.8 | 1039.3 | 1034.9 | 1039.3 | 1040.8 | 1039.3 | 1033.5 | 997.4 | 998.8 | 1008.9 |
| 42.5° | 1000.3 | 998.8 | 994.5 | 991.6 | 994.5 | 998.8 | 1000.3 | 991.6 | 945.3 | 941.0 | 959.8 |
| 45° | 955.4 | 956.9 | 948.3 | 943.9 | 948.3 | 956.9 | 955.4 | 949.7 | 902.0 | 890.4 | 903.4 |
| 47.5° | 910.7 | 910.7 | 903.4 | 899.1 | 903.4 | 910.7 | 910.7 | 903.4 | 852.8 | 841.2 | 848.5 |
| 50° | 862.9 | 861.5 | 851.4 | 849.9 | 851.4 | 861.5 | 862.9 | 858.6 | 805.1 | 795.0 | 795.0 |
| 52.5° | 808.0 | 808.0 | 809.5 | 812.4 | 809.5 | 808.0 | 808.0 | 809.5 | 761.8 | 751.6 | 748.7 |
| 55° | 760.3 | 761.8 | 771.9 | 774.8 | 771.9 | 761.8 | 760.3 | 760.3 | 717.0 | 706.8 | 701.1 |
| 57.5° | 711.1 | 711.1 | 718.4 | 718.4 | 718.4 | 711.1 | 711.1 | 708.2 | 666.4 | 657.7 | 654.8 |
| 60° | 654.8 | 657.7 | 663.5 | 662.0 | 663.5 | 657.7 | 654.8 | 651.9 | 615.7 | 610.0 | 599.9 |
| 62.5° | 595.5 | 598.4 | 599.9 | 597.0 | 599.9 | 598.4 | 595.5 | 586.9 | 565.2 | 560.8 | 547.8 |
| 65° | 533.4 | 536.3 | 537.7 | 534.9 | 537.7 | 536.3 | 533.4 | 529.0 | 513.2 | 505.9 | 494.4 |
| 67.5° | 469.8 | 468.3 | 466.9 | 472.7 | 466.9 | 468.3 | 469.8 | 464.0 | 453.9 | 448.1 | 432.2 |
| 70° | 404.7 | 404.7 | 403.3 | 406.1 | 403.3 | 404.7 | 404.7 | 400.4 | 394.6 | 390.3 | 375.8 |
| 72.5° | 335.3 | 333.9 | 339.7 | 335.3 | 339.7 | 333.9 | 335.3 | 333.9 | 331.0 | 326.7 | 312.2 |
| 75° | 267.4 | 270.3 | 267.4 | 271.8 | 267.4 | 270.3 | 267.4 | 268.9 | 267.4 | 264.5 | 254.4 |
| 77.5° | 203.8 | 206.7 | 203.8 | 203.8 | 203.8 | 206.7 | 203.8 | 205.2 | 205.2 | 205.2 | 196.6 |
| 80° | 144.5 | 143.1 | 143.1 | 141.6 | 143.1 | 143.1 | 144.5 | 144.5 | 146.0 | 143.1 | 140.2 |
| 82.5° | 92.5 | 91.1 | 91.1 | 94.0 | 91.1 | 91.1 | 92.5 | 94.0 | 91.1 | 91.1 | 91.1 |
| 85° | 50.6 | 52.0 | 49.1 | 49.1 | 49.1 | 52.0 | 50.6 | 47.7 | 50.6 | 50.6 | 49.1 |
| 87.5° | 18.8 | 17.3 | 17.3 | 17.3 | 17.3 | 17.3 | 18.8 | 20.2 | 20.2 | 20.2 | 21.7 |
| 90° | 16.8 | 16.8 | 16.8 | 16.8 | 16.8 | 16.8 | 16.8 | 22.4 | 29.8 | 33.6 | 28.9 |
| 92.5° | 84.0 | 80.7 | 67.3 | 54.0 | 67.3 | 80.7 | 84.0 | 119.2 | 165.9 | 189.3 | 166.2 |
| 95° | 285.3 | 275.1 | 234.6 | 194.1 | 234.6 | 275.1 | 285.3 | 374.6 | 493.7 | 553.2 | 467.2 |
| 97.5° | 658.4 | 639.2 | 562.2 | 485.1 | 562.2 | 639.2 | 658.4 | 714.9 | 790.2 | 827.8 | 684.4 |
| 100° | 924.7 | 901.7 | 810.0 | 718.2 | 810.0 | 901.7 | 924.7 | 920.6 | 915.0 | 912.3 | 753.2 |
| 102.5° | 1152.0 | 1132.4 | 1053.7 | 975.2 | 1053.7 | 1132.4 | 1152.0 | 1080.1 | 984.2 | 936.2 | 774.9 |
| 105° | 1417.3 | 1406.7 | 1364.6 | 1322.3 | 1364.6 | 1406.7 | 1417.3 | 1256.1 | 1041.1 | 933.6 | 777.3 |
| 107.5° | 1555.3 | 1557.8 | 1568.1 | 1578.3 | 1568.1 | 1557.8 | 1555.3 | 1330.4 | 1030.5 | 880.5 | 742.7 |
| 110° | 1590.7 | 1601.7 | 1645.7 | 1689.7 | 1645.7 | 1601.7 | 1590.7 | 1339.3 | 1003.9 | 836.3 | 712.1 |



TEST NUMBER: P935731

CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-4-2700K

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 260° | 270° | 280° | 290° | 292.5° | 300° | 310° | 315° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|
| 112.5° | 1568.2 | 1585.1 | 1652.7 | 1720.3 | 1652.7 | 1585.1 | 1568.2 | 1310.8 | 967.6 | 796.0 | 685.3 |
| 115° | 1491.6 | 1515.1 | 1608.8 | 1702.6 | 1608.8 | 1515.1 | 1491.6 | 1243.7 | 913.1 | 747.8 | 654.5 |
| 117.5° | 1385.9 | 1411.9 | 1515.9 | 1619.9 | 1515.9 | 1411.9 | 1385.9 | 1162.1 | 863.8 | 714.6 | 635.4 |
| 120° | 1314.8 | 1340.0 | 1441.0 | 1542.0 | 1441.0 | 1340.0 | 1314.8 | 1110.3 | 837.7 | 701.4 | 628.9 |
| 122.5° | 1243.5 | 1268.5 | 1368.1 | 1467.7 | 1368.1 | 1268.5 | 1243.5 | 1059.5 | 814.0 | 691.2 | 625.5 |
| 125° | 1149.3 | 1172.3 | 1264.0 | 1355.8 | 1264.0 | 1172.3 | 1149.3 | 992.9 | 784.4 | 680.1 | 622.7 |
| 127.5° | 1073.7 | 1093.1 | 1170.5 | 1248.0 | 1170.5 | 1093.1 | 1073.7 | 939.5 | 760.3 | 670.8 | 621.0 |
| 130° | 1026.0 | 1043.8 | 1115.4 | 1187.0 | 1115.4 | 1043.8 | 1026.0 | 906.4 | 747.0 | 667.3 | 622.1 |
| 132.5° | 985.3 | 1001.3 | 1065.4 | 1129.4 | 1065.4 | 1001.3 | 985.3 | 878.3 | 735.6 | 664.3 | 622.7 |
| 135° | 927.8 | 941.7 | 996.9 | 1052.0 | 996.9 | 941.7 | 927.8 | 838.2 | 718.7 | 659.0 | 622.1 |
| 137.5° | 885.3 | 896.6 | 941.8 | 987.0 | 941.8 | 896.6 | 885.3 | 809.5 | 708.5 | 658.0 | 625.9 |
| 140° | 851.3 | 861.9 | 904.1 | 946.4 | 904.1 | 861.9 | 851.3 | 785.9 | 698.6 | 654.9 | 626.6 |
| 142.5° | 827.4 | 836.4 | 872.8 | 909.2 | 872.8 | 836.4 | 827.4 | 769.9 | 693.3 | 654.9 | 628.8 |
| 145° | 791.6 | 798.5 | 826.0 | 853.5 | 826.0 | 798.5 | 791.6 | 744.5 | 681.9 | 650.5 | 628.8 |
| 147.5° | 761.5 | 767.3 | 790.0 | 812.8 | 790.0 | 767.3 | 761.5 | 724.6 | 675.2 | 650.5 | 633.1 |
| 150° | 744.3 | 748.9 | 767.4 | 785.9 | 767.4 | 748.9 | 744.3 | 713.0 | 671.3 | 650.5 | 635.4 |
| 152.5° | 730.5 | 734.0 | 748.0 | 762.0 | 748.0 | 734.0 | 730.5 | 703.9 | 668.3 | 650.5 | 636.8 |
| 155° | 714.2 | 716.5 | 725.8 | 735.0 | 725.8 | 716.5 | 714.2 | 693.0 | 664.7 | 650.5 | 640.1 |
| 157.5° | 700.0 | 701.7 | 708.2 | 714.6 | 708.2 | 701.7 | 700.0 | 683.6 | 661.5 | 650.5 | 643.3 |
| 160° | 693.0 | 693.9 | 697.7 | 701.4 | 697.7 | 693.9 | 693.0 | 678.8 | 659.9 | 650.5 | 644.8 |
| 162.5° | 686.4 | 687.2 | 690.8 | 694.3 | 690.8 | 687.2 | 686.4 | 674.4 | 658.4 | 650.5 | 646.4 |
| 165° | 676.1 | 677.1 | 680.8 | 684.6 | 680.8 | 677.1 | 676.1 | 667.6 | 656.2 | 650.5 | 648.6 |
| 167.5° | 671.8 | 672.2 | 673.7 | 675.3 | 673.7 | 672.2 | 671.8 | 666.1 | 658.7 | 654.9 | 653.4 |
| 170° | 671.8 | 671.8 | 671.8 | 671.8 | 671.8 | 671.8 | 671.8 | 666.1 | 658.7 | 654.9 | 654.9 |
| 172.5° | 668.2 | 667.8 | 666.5 | 665.1 | 666.5 | 667.8 | 668.2 | 663.7 | 657.8 | 654.9 | 654.9 |
| 175° | 663.3 | 663.3 | 663.3 | 663.3 | 663.3 | 663.3 | 663.3 | 660.5 | 656.8 | 654.9 | 655.8 |
| 177.5° | 662.5 | 662.0 | 660.5 | 659.0 | 660.5 | 662.0 | 662.5 | 660.2 | 657.3 | 655.8 | 656.5 |
| 180° | 659.0 | 659.0 | 659.0 | 659.0 | 659.0 | 659.0 | 659.0 | 659.0 | 659.0 | 659.0 | 659.0 |



TEST NUMBER: P935731

CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-4-2700K

CANDELA DISTRIBUTION (continued):

| | 330° | 337.5° | 340° | 350° | 360° |
|--------|--------|--------|--------|--------|--------|
| 0° | 1527.9 | 1527.9 | 1527.9 | 1527.9 | 1527.9 |
| 2.5° | 1509.1 | 1516.2 | 1520.6 | 1526.4 | 1540.8 |
| 5° | 1451.2 | 1478.7 | 1487.4 | 1509.1 | 1535.0 |
| 7.5° | 1324.1 | 1407.9 | 1431.0 | 1483.0 | 1523.5 |
| 10° | 1201.2 | 1285.0 | 1325.5 | 1448.3 | 1509.1 |
| 12.5° | 1139.0 | 1188.2 | 1215.6 | 1387.6 | 1488.8 |
| 15° | 1100.0 | 1134.7 | 1155.0 | 1306.7 | 1465.7 |
| 17.5° | 1069.6 | 1094.2 | 1108.7 | 1227.2 | 1433.9 |
| 20° | 1050.8 | 1062.4 | 1075.4 | 1169.4 | 1397.8 |
| 22.5° | 1037.9 | 1030.6 | 1040.8 | 1128.9 | 1348.6 |
| 25° | 1029.1 | 1001.7 | 1013.3 | 1097.1 | 1290.8 |
| 27.5° | 1036.4 | 975.7 | 980.0 | 1068.2 | 1230.1 |
| 30° | 1037.9 | 943.9 | 945.3 | 1037.9 | 1162.1 |
| 32.5° | 1027.7 | 910.7 | 912.1 | 1000.3 | 1085.5 |
| 35° | 1003.2 | 871.6 | 870.2 | 956.9 | 981.5 |
| 37.5° | 969.9 | 829.7 | 829.7 | 909.2 | 867.3 |
| 40° | 929.5 | 787.8 | 792.1 | 847.0 | 766.1 |
| 42.5° | 880.3 | 743.0 | 748.7 | 764.6 | 690.9 |
| 45° | 826.8 | 699.6 | 704.0 | 646.1 | 633.1 |
| 47.5° | 767.5 | 654.8 | 656.2 | 536.3 | 614.3 |
| 50° | 696.7 | 608.6 | 602.8 | 459.7 | 612.8 |
| 52.5° | 634.5 | 557.9 | 540.6 | 416.3 | 556.5 |
| 55° | 573.9 | 504.4 | 466.9 | 383.1 | 516.1 |
| 57.5° | 520.3 | 435.1 | 399.0 | 344.0 | 507.4 |
| 60° | 471.2 | 367.1 | 339.7 | 302.1 | 465.4 |
| 62.5° | 430.7 | 316.5 | 310.7 | 273.2 | 422.1 |
| 65° | 387.3 | 281.9 | 280.4 | 248.6 | 358.5 |
| 67.5° | 345.5 | 258.7 | 257.3 | 225.5 | 273.2 |
| 70° | 300.7 | 234.2 | 231.3 | 200.9 | 202.3 |
| 72.5° | 254.4 | 206.7 | 203.8 | 180.6 | 167.7 |
| 75° | 208.2 | 174.9 | 173.5 | 157.6 | 135.9 |
| 77.5° | 163.3 | 138.8 | 141.6 | 127.2 | 99.8 |
| 80° | 117.1 | 101.2 | 104.0 | 91.1 | 75.2 |
| 82.5° | 78.1 | 66.5 | 69.4 | 57.8 | 50.6 |
| 85° | 43.4 | 37.6 | 39.0 | 30.3 | 23.1 |
| 87.5° | 20.2 | 17.3 | 17.3 | 11.5 | 7.3 |
| 90° | 19.5 | 12.4 | 11.5 | 7.9 | 4.4 |
| 92.5° | 120.0 | 85.3 | 77.8 | 47.7 | 17.7 |
| 95° | 295.3 | 166.3 | 152.5 | 97.5 | 42.5 |
| 97.5° | 397.7 | 182.6 | 170.5 | 121.9 | 73.4 |
| 100° | 435.0 | 196.4 | 185.3 | 141.4 | 97.3 |
| 102.5° | 452.1 | 210.0 | 199.8 | 158.7 | 117.6 |
| 105° | 464.8 | 230.4 | 221.7 | 187.0 | 152.1 |
| 107.5° | 467.2 | 260.5 | 252.4 | 219.9 | 187.5 |
| 110° | 463.6 | 277.2 | 269.9 | 240.7 | 211.4 |



TEST NUMBER: P935731

CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-4-2700K

CANDELA DISTRIBUTION (continued):

| | 330° | 337.5° | 340° | 350° | 360° |
|--------|-------|--------|-------|-------|-------|
| 112.5° | 463.7 | 297.6 | 290.6 | 262.7 | 234.8 |
| 115° | 468.1 | 328.2 | 321.8 | 296.0 | 270.2 |
| 117.5° | 476.8 | 357.8 | 352.0 | 328.6 | 305.2 |
| 120° | 483.9 | 375.0 | 369.6 | 347.5 | 325.5 |
| 122.5° | 494.0 | 395.4 | 389.8 | 367.6 | 345.4 |
| 125° | 507.7 | 421.4 | 416.4 | 396.1 | 375.9 |
| 127.5° | 521.4 | 446.6 | 441.5 | 421.1 | 400.7 |
| 130° | 531.4 | 463.4 | 458.0 | 435.9 | 413.9 |
| 132.5° | 539.6 | 477.2 | 471.7 | 449.7 | 427.7 |
| 135° | 548.4 | 493.1 | 488.0 | 468.1 | 448.0 |
| 137.5° | 561.6 | 513.4 | 508.5 | 488.6 | 468.7 |
| 140° | 569.8 | 527.2 | 522.6 | 504.3 | 486.0 |
| 142.5° | 576.5 | 537.3 | 533.1 | 516.1 | 499.2 |
| 145° | 585.3 | 552.8 | 549.1 | 534.3 | 519.7 |
| 147.5° | 598.3 | 572.3 | 568.7 | 554.3 | 540.0 |
| 150° | 605.1 | 582.4 | 579.2 | 566.2 | 553.2 |
| 152.5° | 609.6 | 589.1 | 586.6 | 576.8 | 567.0 |
| 155° | 619.2 | 603.6 | 601.8 | 594.6 | 587.3 |
| 157.5° | 629.0 | 618.2 | 616.4 | 609.4 | 602.3 |
| 160° | 633.4 | 624.9 | 623.5 | 618.0 | 612.5 |
| 162.5° | 638.1 | 632.0 | 630.9 | 626.8 | 622.7 |
| 165° | 645.0 | 642.1 | 641.2 | 637.4 | 633.7 |
| 167.5° | 650.2 | 647.9 | 647.4 | 645.6 | 643.9 |
| 170° | 654.7 | 654.5 | 654.1 | 652.3 | 650.5 |
| 172.5° | 654.9 | 654.9 | 654.9 | 654.4 | 654.1 |
| 175° | 657.6 | 659.0 | 659.0 | 659.0 | 659.0 |
| 177.5° | 657.9 | 659.0 | 659.0 | 659.0 | 659.0 |
| 180° | 659.0 | 659.0 | 659.0 | 659.0 | 659.0 |



TEST NUMBER: P935731
 CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-4-2700K

CIE UGR TABLE:

| Reflectances: | | | | | | | | | | | |
|-----------------|------|------------------|-------|-------|-------|-------|----------------|-------|-------|-------|-------|
| Ceiling | | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 |
| Wall | | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 |
| Reference plane | | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| Room dimensions | | Viewed crosswise | | | | | Viewed endwise | | | | |
| X=2H | Y=2H | 13.83 | 14.68 | 14.80 | 15.66 | 16.96 | 16.63 | 17.47 | 17.60 | 18.46 | 19.76 |
| | 3H | 14.31 | 15.06 | 15.29 | 16.06 | 17.38 | 17.96 | 18.72 | 18.95 | 19.72 | 21.03 |
| | 4H | 14.50 | 15.21 | 15.50 | 16.21 | 17.54 | 18.40 | 19.12 | 19.40 | 20.12 | 21.44 |
| | 6H | 14.62 | 15.28 | 15.62 | 16.28 | 17.62 | 18.68 | 19.34 | 19.68 | 20.34 | 21.68 |
| | 8H | 14.62 | 15.24 | 15.63 | 16.27 | 17.60 | 18.75 | 19.37 | 19.76 | 20.39 | 21.73 |
| | 12H | 14.59 | 15.18 | 15.61 | 16.20 | 17.56 | 18.78 | 19.38 | 19.80 | 20.39 | 21.75 |
| 4H | 2H | 14.85 | 15.57 | 15.86 | 16.57 | 17.90 | 17.04 | 17.75 | 18.04 | 18.75 | 20.08 |
| | 3H | 15.88 | 16.48 | 16.89 | 17.50 | 18.85 | 18.53 | 19.13 | 19.54 | 20.16 | 21.50 |
| | 4H | 16.15 | 16.70 | 17.18 | 17.72 | 19.09 | 19.05 | 19.60 | 20.07 | 20.62 | 21.98 |
| | 6H | 16.28 | 16.75 | 17.31 | 17.79 | 19.15 | 19.41 | 19.88 | 20.44 | 20.92 | 22.28 |
| | 8H | 16.28 | 16.72 | 17.32 | 17.76 | 19.14 | 19.51 | 19.95 | 20.54 | 20.99 | 22.36 |
| | 12H | 16.25 | 16.65 | 17.30 | 17.70 | 19.08 | 19.56 | 19.96 | 20.61 | 21.01 | 22.39 |
| 8H | 4H | 16.60 | 17.04 | 17.63 | 18.08 | 19.45 | 19.18 | 19.62 | 20.21 | 20.65 | 22.03 |
| | 6H | 16.86 | 17.23 | 17.92 | 18.30 | 19.68 | 19.60 | 19.97 | 20.66 | 21.05 | 22.42 |
| | 8H | 16.91 | 17.22 | 17.97 | 18.29 | 19.68 | 19.75 | 20.07 | 20.82 | 21.13 | 22.53 |
| | 12H | 16.89 | 17.17 | 17.96 | 18.23 | 19.66 | 19.84 | 20.12 | 20.91 | 21.18 | 22.62 |
| 12H | 4H | 16.61 | 17.00 | 17.66 | 18.05 | 19.44 | 19.14 | 19.54 | 20.19 | 20.59 | 21.97 |
| | 6H | 16.92 | 17.24 | 17.99 | 18.30 | 19.70 | 19.60 | 19.92 | 20.67 | 20.98 | 22.38 |
| | 8H | 16.99 | 17.27 | 18.06 | 18.33 | 19.76 | 19.76 | 20.04 | 20.82 | 21.10 | 22.53 |