

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: P935175

Luminaire Tested: SQ4-FA-100U-075D-940-1D-UNV-STD-W-6

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935175
REPORT IS A COMBINATION OF REPORTS P933743 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-100U-075D-940-1D-UNV-STD-W-6
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

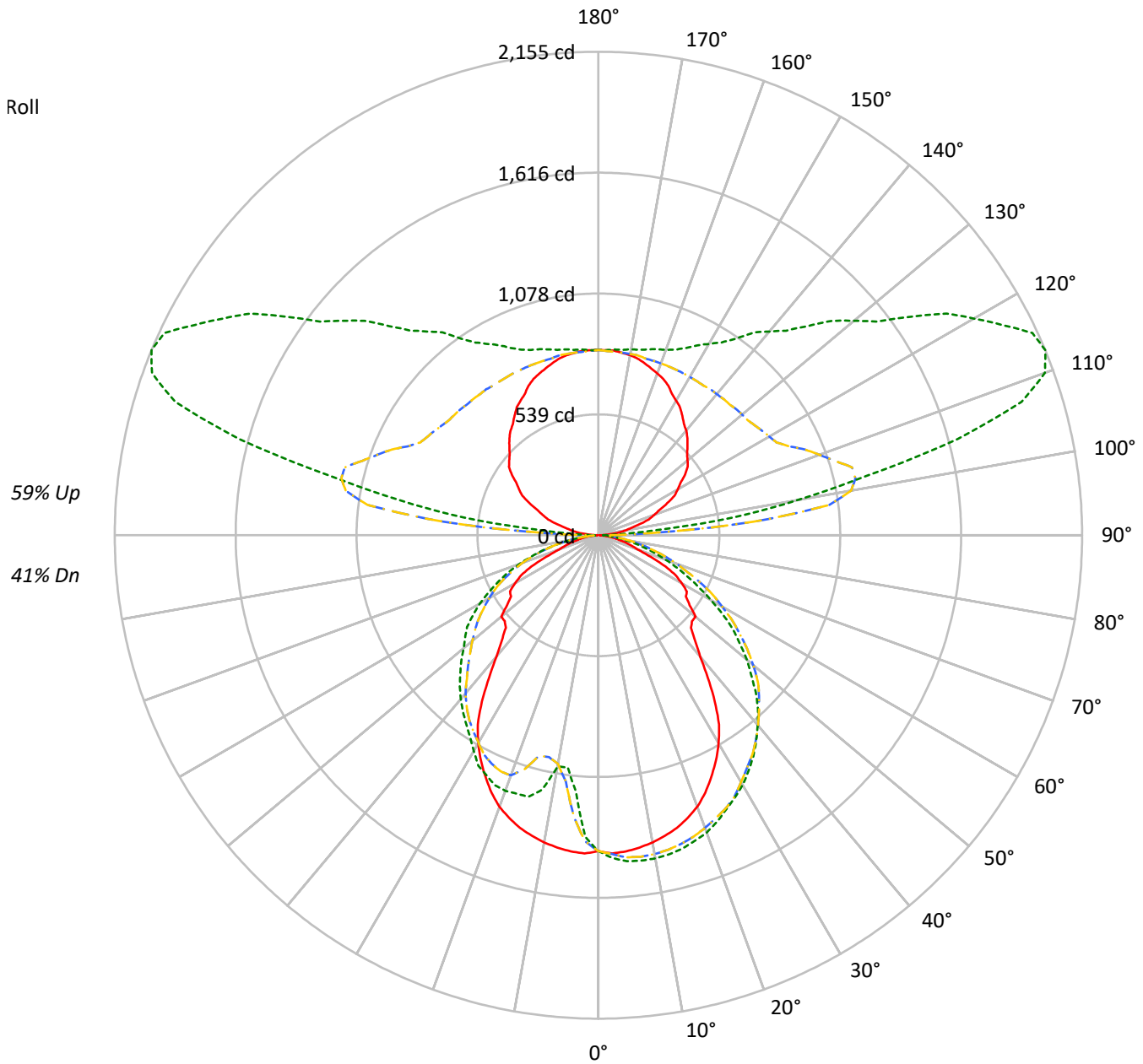
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9005.1 lumens
Efficiency: N/A
Efficacy: 122.0 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 6' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 73.8
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P935175
CATALOG NUMBER: SQ4-FA-100U-075D-940-1D-UNV-STD-W-6

Luminous Intensity Polar Plot





TEST NUMBER: P935175

CATALOG NUMBER: SQ4-FA-100U-075D-940-1D-UNV-STD-W-6

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 | 105 | 105 | 105 | 105 | 96 | 96 | 96 | 96 | 78 | 78 | 78 | 62 | 62 | 62 | 47 | 47 | 47 | 47 | 47 | 47 | 41 |
| 1 | 96 | 91 | 88 | 84 | 87 | 83 | 80 | 77 | 68 | 66 | 64 | 55 | 53 | 52 | 42 | 41 | 40 | 40 | 40 | 40 | 34 |
| 2 | 87 | 80 | 74 | 69 | 79 | 73 | 68 | 63 | 60 | 56 | 53 | 48 | 45 | 43 | 37 | 35 | 34 | 34 | 34 | 34 | 29 |
| 3 | 79 | 70 | 63 | 57 | 72 | 64 | 58 | 53 | 53 | 48 | 45 | 42 | 39 | 37 | 33 | 31 | 29 | 29 | 29 | 29 | 24 |
| 4 | 73 | 62 | 54 | 48 | 66 | 57 | 50 | 45 | 47 | 42 | 38 | 38 | 34 | 31 | 29 | 27 | 25 | 25 | 25 | 25 | 21 |
| 5 | 67 | 55 | 47 | 41 | 60 | 51 | 44 | 38 | 42 | 37 | 33 | 34 | 30 | 27 | 26 | 24 | 22 | 22 | 22 | 22 | 18 |
| 6 | 61 | 49 | 41 | 36 | 56 | 45 | 38 | 33 | 38 | 32 | 28 | 31 | 27 | 24 | 24 | 21 | 19 | 19 | 19 | 19 | 16 |
| 7 | 57 | 45 | 37 | 31 | 51 | 41 | 34 | 29 | 34 | 29 | 25 | 28 | 24 | 21 | 22 | 19 | 17 | 17 | 17 | 17 | 14 |
| 8 | 52 | 40 | 33 | 27 | 48 | 37 | 30 | 26 | 31 | 26 | 22 | 25 | 21 | 18 | 20 | 17 | 15 | 15 | 15 | 15 | 13 |
| 9 | 49 | 37 | 29 | 24 | 44 | 34 | 27 | 23 | 28 | 23 | 20 | 23 | 19 | 17 | 18 | 16 | 13 | 13 | 13 | 13 | 11 |
| 10 | 46 | 34 | 26 | 22 | 41 | 31 | 25 | 20 | 26 | 21 | 18 | 21 | 18 | 15 | 17 | 14 | 12 | 12 | 12 | 12 | 10 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|------|------|------|------|
| 0° | 8709 | 8709 | 8709 | 8709 |
| 5° | 8772 | 8792 | 8772 | 6913 |
| 10° | 8710 | 8660 | 8710 | 6192 |
| 15° | 8611 | 8473 | 8611 | 7075 |
| 20° | 8428 | 8251 | 8428 | 7090 |
| 25° | 8057 | 7926 | 8057 | 6940 |
| 30° | 7577 | 7657 | 7577 | 6610 |
| 35° | 6751 | 7317 | 6751 | 6247 |
| 40° | 5623 | 6916 | 5623 | 5973 |
| 45° | 5020 | 6447 | 5020 | 5658 |
| 50° | 5330 | 5887 | 5330 | 5342 |
| 55° | 5009 | 5285 | 5009 | 5160 |
| 60° | 5158 | 4488 | 5158 | 4726 |
| 65° | 4668 | 3710 | 4668 | 4147 |
| 70° | 3226 | 2956 | 3226 | 3476 |
| 75° | 2817 | 2185 | 2817 | 2617 |
| 80° | 2256 | 1445 | 2256 | 1573 |
| 85° | 1270 | 766 | 1270 | 651 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 7700 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 127.1 | 1.4 |
| 10°-20° | 360.8 | 4.0 |
| 20°-30° | 557.8 | 6.2 |
| 30°-40° | 665.9 | 7.4 |
| 40°-50° | 669.8 | 7.4 |
| 50°-60° | 582.8 | 6.5 |
| 60°-70° | 413.2 | 4.6 |
| 70°-80° | 218.6 | 2.4 |
| 80°-90° | 57.6 | 0.6 |
| 90°-100° | 402.4 | 4.5 |
| 100°-110° | 1057.9 | 11.7 |
| 110°-120° | 1096.9 | 12.2 |
| 120°-130° | 879.9 | 9.8 |
| 130°-140° | 690.4 | 7.7 |
| 140°-150° | 529.9 | 5.9 |
| 150°-160° | 381.6 | 4.2 |
| 160°-170° | 233.5 | 2.6 |
| 170°-180° | 78.9 | 0.9 |
| 0°-30° | 1045.7 | 11.6 |
| 0°-40° | 1711.6 | 19.0 |
| 0°-60° | 2964.2 | 32.9 |
| 0°-90° | 3653.6 | 40.6 |
| 90°-120° | 2557.3 | 28.4 |
| 90°-150° | 4657.5 | 51.7 |
| 90°-180° | 5352.0 | 59.4 |
| 0°-180° | 9005.1 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1408 | 1408 | 1408 | 1408 | 1408 | |
| 5° | 1415 | 1458 | 1415 | 1147 | 1415 | 134 |
| 15° | 1351 | 1445 | 1351 | 1207 | 1351 | 380 |
| 25° | 1190 | 1348 | 1190 | 1180 | 1190 | 546 |
| 35° | 904 | 1203 | 904 | 1027 | 904 | 560 |
| 45° | 583 | 991 | 583 | 870 | 583 | 467 |
| 55° | 476 | 731 | 476 | 714 | 476 | 437 |
| 65° | 330 | 441 | 330 | 493 | 330 | 316 |
| 75° | 125 | 209 | 125 | 250 | 125 | 132 |
| 85° | 21 | 53 | 21 | 45 | 21 | 29 |
| 90° | 6 | 21 | 6 | 21 | 6 | 5 |
| 95° | 53 | 243 | 53 | 243 | 53 | 59 |
| 105° | 191 | 1657 | 191 | 1657 | 191 | 202 |
| 115° | 338 | 2133 | 338 | 2133 | 338 | 334 |
| 125° | 471 | 1699 | 471 | 1699 | 471 | 418 |
| 135° | 561 | 1318 | 561 | 1318 | 561 | 434 |
| 145° | 651 | 1069 | 651 | 1069 | 651 | 408 |
| 155° | 736 | 921 | 736 | 921 | 736 | 338 |
| 165° | 794 | 858 | 794 | 858 | 794 | 224 |
| 175° | 826 | 831 | 826 | 831 | 826 | 78 |
| 180° | 826 | 826 | 826 | 826 | 826 | |



TEST NUMBER: P935175
 CATALOG NUMBER: SQ4-FA-100U-075D-940-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1407.9 | 1407.9 | 1407.9 | 1407.9 | 1407.9 | 1407.9 | 1407.9 | 1407.9 | 1407.9 | 1407.9 | 1407.9 |
| 2.5° | 1419.9 | 1419.9 | 1427.9 | 1430.6 | 1430.6 | 1426.6 | 1422.6 | 1426.6 | 1438.6 | 1442.6 | 1441.2 |
| 5° | 1414.6 | 1425.2 | 1439.9 | 1442.6 | 1445.2 | 1443.9 | 1441.2 | 1443.9 | 1457.2 | 1459.9 | 1461.2 |
| 7.5° | 1403.9 | 1423.9 | 1442.6 | 1446.6 | 1450.5 | 1446.6 | 1445.2 | 1447.9 | 1461.2 | 1463.9 | 1463.9 |
| 10° | 1390.6 | 1418.6 | 1439.9 | 1442.6 | 1446.6 | 1442.6 | 1442.6 | 1447.9 | 1461.2 | 1463.9 | 1465.2 |
| 12.5° | 1372.0 | 1410.6 | 1430.6 | 1433.2 | 1438.6 | 1437.2 | 1435.9 | 1441.2 | 1454.5 | 1457.2 | 1457.2 |
| 15° | 1350.6 | 1395.9 | 1414.6 | 1417.2 | 1426.6 | 1423.9 | 1423.9 | 1429.2 | 1443.9 | 1447.9 | 1446.6 |
| 17.5° | 1321.3 | 1377.3 | 1398.6 | 1402.6 | 1409.3 | 1407.9 | 1409.3 | 1414.6 | 1427.9 | 1430.6 | 1431.9 |
| 20° | 1288.0 | 1352.0 | 1377.3 | 1381.3 | 1387.9 | 1387.9 | 1387.9 | 1394.6 | 1407.9 | 1413.3 | 1413.3 |
| 22.5° | 1242.8 | 1325.3 | 1352.0 | 1354.6 | 1362.6 | 1362.6 | 1365.3 | 1374.6 | 1386.6 | 1387.9 | 1387.9 |
| 25° | 1189.5 | 1296.0 | 1318.7 | 1326.7 | 1334.7 | 1338.7 | 1342.7 | 1348.0 | 1352.0 | 1350.6 | 1352.0 |
| 27.5° | 1133.5 | 1258.7 | 1288.0 | 1293.4 | 1304.0 | 1308.0 | 1313.4 | 1314.7 | 1316.0 | 1320.0 | 1317.3 |
| 30° | 1070.9 | 1206.8 | 1250.7 | 1256.1 | 1273.4 | 1276.1 | 1270.7 | 1273.4 | 1280.1 | 1282.7 | 1285.4 |
| 32.5° | 1000.3 | 1129.5 | 1212.1 | 1224.1 | 1240.1 | 1232.1 | 1230.8 | 1234.8 | 1245.4 | 1245.4 | 1248.1 |
| 35° | 904.4 | 1069.6 | 1176.2 | 1186.8 | 1198.8 | 1189.5 | 1194.8 | 1196.1 | 1202.8 | 1206.8 | 1205.5 |
| 37.5° | 799.2 | 1017.6 | 1138.9 | 1146.9 | 1156.2 | 1144.2 | 1152.2 | 1156.2 | 1161.5 | 1158.8 | 1158.8 |
| 40° | 706.0 | 936.4 | 1094.9 | 1100.2 | 1108.2 | 1098.9 | 1106.9 | 1109.6 | 1112.2 | 1109.6 | 1108.2 |
| 42.5° | 636.7 | 847.2 | 1048.3 | 1054.9 | 1049.6 | 1056.3 | 1058.9 | 1064.3 | 1060.3 | 1054.9 | 1054.9 |
| 45° | 583.4 | 823.2 | 997.7 | 1005.7 | 997.7 | 1008.3 | 1012.3 | 1012.3 | 1000.3 | 997.7 | 996.3 |
| 47.5° | 566.1 | 775.2 | 947.1 | 947.1 | 943.1 | 956.4 | 963.0 | 953.7 | 941.7 | 937.7 | 937.7 |
| 50° | 564.8 | 721.9 | 877.8 | 872.5 | 891.1 | 907.1 | 900.4 | 891.1 | 881.8 | 867.1 | 867.1 |
| 52.5° | 512.8 | 656.7 | 788.5 | 808.5 | 837.8 | 847.2 | 836.5 | 827.2 | 811.2 | 804.5 | 799.2 |
| 55° | 475.5 | 588.7 | 707.3 | 747.3 | 777.9 | 789.9 | 769.9 | 760.6 | 736.6 | 732.6 | 729.9 |
| 57.5° | 467.5 | 490.2 | 632.7 | 683.3 | 720.6 | 719.3 | 707.3 | 690.0 | 670.0 | 666.0 | 664.7 |
| 60° | 428.9 | 354.3 | 552.8 | 612.7 | 651.3 | 647.4 | 636.7 | 620.7 | 602.1 | 599.4 | 596.7 |
| 62.5° | 388.9 | 257.1 | 462.2 | 530.1 | 584.7 | 583.4 | 574.1 | 550.1 | 536.8 | 530.1 | 524.8 |
| 65° | 330.3 | 215.8 | 329.0 | 440.9 | 519.5 | 522.1 | 502.2 | 484.8 | 470.2 | 462.2 | 460.9 |
| 67.5° | 251.7 | 175.8 | 222.4 | 367.6 | 456.9 | 454.2 | 428.9 | 420.9 | 402.3 | 398.3 | 390.3 |
| 70° | 186.5 | 117.2 | 154.5 | 298.4 | 395.6 | 388.9 | 369.0 | 359.6 | 342.3 | 333.0 | 327.7 |
| 72.5° | 154.5 | 94.6 | 113.2 | 231.8 | 333.0 | 325.0 | 307.7 | 297.0 | 282.4 | 274.4 | 269.1 |
| 75° | 125.2 | 99.9 | 86.6 | 171.8 | 270.4 | 265.1 | 249.1 | 238.4 | 226.4 | 215.8 | 217.1 |
| 77.5° | 91.9 | 93.2 | 69.3 | 126.5 | 214.5 | 206.5 | 197.1 | 183.8 | 178.5 | 167.8 | 167.8 |
| 80° | 69.3 | 73.3 | 51.9 | 86.6 | 154.5 | 154.5 | 146.5 | 137.2 | 127.9 | 122.5 | 122.5 |
| 82.5° | 46.6 | 46.6 | 38.6 | 54.6 | 105.2 | 101.2 | 95.9 | 93.2 | 87.9 | 85.2 | 85.2 |
| 85° | 21.3 | 26.6 | 24.0 | 33.3 | 57.3 | 59.9 | 59.9 | 57.3 | 55.9 | 53.3 | 54.6 |
| 87.5° | 6.7 | 12.0 | 14.7 | 18.6 | 29.3 | 30.6 | 32.0 | 32.0 | 32.0 | 33.3 | 33.3 |
| 90° | 5.5 | 9.9 | 14.4 | 15.5 | 24.4 | 36.2 | 42.1 | 37.4 | 28.1 | 21.0 | 21.0 |
| 92.5° | 22.2 | 59.9 | 97.5 | 106.9 | 150.3 | 208.1 | 237.1 | 207.8 | 149.2 | 105.2 | 101.1 |
| 95° | 53.2 | 122.1 | 191.1 | 208.3 | 369.9 | 585.4 | 693.1 | 618.5 | 469.2 | 357.3 | 344.6 |
| 97.5° | 92.0 | 152.8 | 213.7 | 228.8 | 498.3 | 857.5 | 1037.2 | 990.0 | 895.7 | 825.0 | 800.8 |
| 100° | 121.9 | 177.1 | 232.2 | 246.0 | 545.0 | 943.6 | 1142.9 | 1146.4 | 1153.3 | 1158.5 | 1129.7 |
| 102.5° | 147.4 | 198.9 | 250.3 | 263.2 | 566.5 | 970.8 | 1172.9 | 1233.0 | 1353.1 | 1443.3 | 1418.7 |
| 105° | 190.6 | 234.2 | 277.8 | 288.7 | 582.4 | 973.9 | 1169.6 | 1304.3 | 1573.6 | 1775.6 | 1762.4 |
| 107.5° | 234.9 | 275.5 | 316.2 | 326.3 | 585.3 | 930.4 | 1103.1 | 1291.0 | 1666.7 | 1948.5 | 1951.7 |
| 110° | 264.8 | 301.5 | 338.2 | 347.4 | 580.8 | 892.1 | 1047.7 | 1257.7 | 1677.8 | 1992.8 | 2006.6 |



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CATALOG NUMBER: SQ4-FA-100U-075D-940-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|
| 112.5° | 294.2 | 329.2 | 364.2 | 372.9 | 581.0 | 858.5 | 997.2 | 1212.2 | 1642.2 | 1964.6 | 1985.7 |
| 115° | 338.5 | 370.7 | 403.0 | 411.1 | 586.3 | 820.0 | 936.8 | 1143.9 | 1558.2 | 1868.8 | 1898.2 |
| 117.5° | 382.3 | 411.6 | 440.9 | 448.2 | 597.2 | 795.9 | 895.3 | 1082.2 | 1456.0 | 1736.3 | 1768.9 |
| 120° | 407.8 | 435.4 | 462.9 | 469.8 | 606.1 | 787.8 | 878.7 | 1049.4 | 1391.0 | 1647.2 | 1678.8 |
| 122.5° | 432.7 | 460.5 | 488.4 | 495.3 | 618.8 | 783.6 | 866.0 | 1019.8 | 1327.3 | 1557.9 | 1589.2 |
| 125° | 470.9 | 496.3 | 521.7 | 528.0 | 636.1 | 780.1 | 852.1 | 982.7 | 1244.0 | 1440.0 | 1468.8 |
| 127.5° | 502.0 | 527.6 | 553.2 | 559.6 | 653.2 | 778.1 | 840.5 | 952.6 | 1177.0 | 1345.2 | 1369.5 |
| 130° | 518.6 | 546.2 | 573.7 | 580.7 | 665.8 | 779.3 | 836.1 | 935.9 | 1135.6 | 1285.4 | 1307.8 |
| 132.5° | 535.7 | 563.3 | 590.9 | 597.8 | 675.9 | 780.1 | 832.1 | 921.6 | 1100.3 | 1234.4 | 1254.5 |
| 135° | 561.2 | 586.3 | 611.5 | 617.8 | 687.0 | 779.3 | 825.5 | 900.3 | 1050.1 | 1162.4 | 1179.7 |
| 137.5° | 587.2 | 612.1 | 637.1 | 643.3 | 703.7 | 784.2 | 824.4 | 887.7 | 1014.3 | 1109.2 | 1123.3 |
| 140° | 608.9 | 631.8 | 654.7 | 660.4 | 713.8 | 784.9 | 820.5 | 875.2 | 984.5 | 1066.5 | 1079.7 |
| 142.5° | 625.5 | 646.7 | 667.9 | 673.2 | 722.3 | 787.7 | 820.5 | 868.6 | 964.5 | 1036.6 | 1047.9 |
| 145° | 651.0 | 669.5 | 687.9 | 692.6 | 733.4 | 787.8 | 815.0 | 854.3 | 932.8 | 991.7 | 1000.3 |
| 147.5° | 676.5 | 694.4 | 712.4 | 716.9 | 749.6 | 793.2 | 815.0 | 845.9 | 907.7 | 954.1 | 961.2 |
| 150° | 693.1 | 709.3 | 725.6 | 729.7 | 758.1 | 796.0 | 815.0 | 841.1 | 893.2 | 932.4 | 938.2 |
| 152.5° | 710.3 | 722.7 | 734.9 | 738.0 | 763.7 | 797.9 | 815.0 | 837.3 | 881.9 | 915.3 | 919.6 |
| 155° | 735.8 | 744.9 | 753.9 | 756.2 | 775.8 | 802.0 | 815.0 | 832.8 | 868.2 | 894.7 | 897.7 |
| 157.5° | 754.6 | 763.5 | 772.3 | 774.5 | 788.0 | 806.0 | 815.0 | 828.8 | 856.4 | 877.1 | 879.1 |
| 160° | 767.3 | 774.2 | 781.2 | 782.9 | 793.6 | 807.9 | 815.0 | 826.8 | 850.4 | 868.2 | 869.4 |
| 162.5° | 780.1 | 785.3 | 790.4 | 791.7 | 799.5 | 809.9 | 815.0 | 825.0 | 844.9 | 859.9 | 860.9 |
| 165° | 794.0 | 798.6 | 803.3 | 804.4 | 808.0 | 812.7 | 815.0 | 822.1 | 836.4 | 847.2 | 848.3 |
| 167.5° | 806.7 | 808.9 | 811.1 | 811.6 | 814.6 | 818.6 | 820.5 | 825.2 | 834.5 | 841.6 | 842.1 |
| 170° | 815.0 | 817.2 | 819.4 | 820.0 | 820.2 | 820.4 | 820.5 | 825.2 | 834.5 | 841.6 | 841.6 |
| 172.5° | 819.4 | 819.9 | 820.4 | 820.5 | 820.5 | 820.5 | 820.5 | 824.2 | 831.6 | 837.1 | 836.7 |
| 175° | 825.5 | 825.5 | 825.5 | 825.5 | 823.8 | 821.6 | 820.5 | 822.8 | 827.5 | 831.1 | 831.1 |
| 177.5° | 825.5 | 825.5 | 825.5 | 825.5 | 824.2 | 822.6 | 821.7 | 823.5 | 827.2 | 829.9 | 829.4 |
| 180° | 825.5 | 825.5 | 825.5 | 825.5 | 825.5 | 825.5 | 825.5 | 825.5 | 825.5 | 825.5 | 825.5 |



TEST NUMBER: P935175
 CATALOG NUMBER: SQ4-FA-100U-075D-940-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

| | 80° | 90° | 100° | 110° | 112.5° | 120° | 130° | 135° | 140° | 150° | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1407.9 | 1407.9 | 1407.9 | 1407.9 | 1407.9 | 1407.9 | 1407.9 | 1407.9 | 1407.9 | 1407.9 | 1407.9 |
| 2.5° | 1443.9 | 1439.9 | 1443.9 | 1441.2 | 1442.6 | 1438.6 | 1426.6 | 1422.6 | 1426.6 | 1430.6 | 1430.6 |
| 5° | 1461.2 | 1458.5 | 1461.2 | 1461.2 | 1459.9 | 1457.2 | 1443.9 | 1441.2 | 1443.9 | 1445.2 | 1442.6 |
| 7.5° | 1466.5 | 1462.5 | 1466.5 | 1463.9 | 1463.9 | 1461.2 | 1447.9 | 1445.2 | 1446.6 | 1450.5 | 1446.6 |
| 10° | 1466.5 | 1462.5 | 1466.5 | 1465.2 | 1463.9 | 1461.2 | 1447.9 | 1442.6 | 1442.6 | 1446.6 | 1442.6 |
| 12.5° | 1459.9 | 1457.2 | 1459.9 | 1457.2 | 1457.2 | 1454.5 | 1441.2 | 1435.9 | 1437.2 | 1438.6 | 1433.2 |
| 15° | 1449.2 | 1445.2 | 1449.2 | 1446.6 | 1447.9 | 1443.9 | 1429.2 | 1423.9 | 1423.9 | 1426.6 | 1417.2 |
| 17.5° | 1433.2 | 1427.9 | 1433.2 | 1431.9 | 1430.6 | 1427.9 | 1414.6 | 1409.3 | 1407.9 | 1409.3 | 1402.6 |
| 20° | 1414.6 | 1410.6 | 1414.6 | 1413.3 | 1413.3 | 1407.9 | 1394.6 | 1387.9 | 1387.9 | 1387.9 | 1381.3 |
| 22.5° | 1385.3 | 1381.3 | 1385.3 | 1387.9 | 1387.9 | 1386.6 | 1374.6 | 1365.3 | 1362.6 | 1362.6 | 1354.6 |
| 25° | 1352.0 | 1348.0 | 1352.0 | 1352.0 | 1350.6 | 1352.0 | 1348.0 | 1342.7 | 1338.7 | 1334.7 | 1326.7 |
| 27.5° | 1320.0 | 1317.3 | 1320.0 | 1317.3 | 1320.0 | 1316.0 | 1314.7 | 1313.4 | 1308.0 | 1304.0 | 1293.4 |
| 30° | 1288.0 | 1285.4 | 1288.0 | 1285.4 | 1282.7 | 1280.1 | 1273.4 | 1270.7 | 1276.1 | 1273.4 | 1256.1 |
| 32.5° | 1248.1 | 1245.4 | 1248.1 | 1248.1 | 1245.4 | 1245.4 | 1234.8 | 1230.8 | 1232.1 | 1240.1 | 1224.1 |
| 35° | 1206.8 | 1202.8 | 1206.8 | 1205.5 | 1206.8 | 1202.8 | 1196.1 | 1194.8 | 1189.5 | 1198.8 | 1186.8 |
| 37.5° | 1158.8 | 1154.8 | 1158.8 | 1158.8 | 1158.8 | 1161.5 | 1156.2 | 1152.2 | 1144.2 | 1156.2 | 1146.9 |
| 40° | 1109.6 | 1104.2 | 1109.6 | 1108.2 | 1109.6 | 1112.2 | 1109.6 | 1106.9 | 1098.9 | 1108.2 | 1100.2 |
| 42.5° | 1053.6 | 1052.3 | 1053.6 | 1054.9 | 1054.9 | 1060.3 | 1064.3 | 1058.9 | 1056.3 | 1049.6 | 1054.9 |
| 45° | 993.7 | 991.0 | 993.7 | 996.3 | 997.7 | 1000.3 | 1012.3 | 1012.3 | 1008.3 | 997.7 | 1005.7 |
| 47.5° | 929.7 | 923.1 | 929.7 | 937.7 | 937.7 | 941.7 | 953.7 | 963.0 | 956.4 | 943.1 | 947.1 |
| 50° | 861.8 | 863.1 | 861.8 | 867.1 | 867.1 | 881.8 | 891.1 | 900.4 | 907.1 | 891.1 | 872.5 |
| 52.5° | 795.2 | 793.9 | 795.2 | 799.2 | 804.5 | 811.2 | 827.2 | 836.5 | 847.2 | 837.8 | 808.5 |
| 55° | 728.6 | 731.3 | 728.6 | 729.9 | 732.6 | 736.6 | 760.6 | 769.9 | 789.9 | 777.9 | 747.3 |
| 57.5° | 662.0 | 658.0 | 662.0 | 664.7 | 666.0 | 670.0 | 690.0 | 707.3 | 719.3 | 720.6 | 683.3 |
| 60° | 584.7 | 579.4 | 584.7 | 596.7 | 599.4 | 602.1 | 620.7 | 636.7 | 647.4 | 651.3 | 612.7 |
| 62.5° | 516.8 | 507.5 | 516.8 | 524.8 | 530.1 | 536.8 | 550.1 | 574.1 | 583.4 | 584.7 | 530.1 |
| 65° | 444.9 | 440.9 | 444.9 | 460.9 | 462.2 | 470.2 | 484.8 | 502.2 | 522.1 | 519.5 | 440.9 |
| 67.5° | 379.6 | 379.6 | 379.6 | 390.3 | 398.3 | 402.3 | 420.9 | 428.9 | 454.2 | 456.9 | 367.6 |
| 70° | 319.7 | 318.3 | 319.7 | 327.7 | 333.0 | 342.3 | 359.6 | 369.0 | 388.9 | 395.6 | 298.4 |
| 72.5° | 262.4 | 261.1 | 262.4 | 269.1 | 274.4 | 282.4 | 297.0 | 307.7 | 325.0 | 333.0 | 231.8 |
| 75° | 211.8 | 209.1 | 211.8 | 217.1 | 215.8 | 226.4 | 238.4 | 249.1 | 265.1 | 270.4 | 171.8 |
| 77.5° | 162.5 | 162.5 | 162.5 | 167.8 | 167.8 | 178.5 | 183.8 | 197.1 | 206.5 | 214.5 | 126.5 |
| 80° | 121.2 | 119.9 | 121.2 | 122.5 | 122.5 | 127.9 | 137.2 | 146.5 | 154.5 | 154.5 | 86.6 |
| 82.5° | 85.2 | 82.6 | 85.2 | 85.2 | 85.2 | 87.9 | 93.2 | 95.9 | 101.2 | 105.2 | 54.6 |
| 85° | 53.3 | 53.3 | 53.3 | 54.6 | 53.3 | 55.9 | 57.3 | 59.9 | 59.9 | 57.3 | 33.3 |
| 87.5° | 34.6 | 33.3 | 34.6 | 33.3 | 33.3 | 32.0 | 32.0 | 32.0 | 30.6 | 29.3 | 18.6 |
| 90° | 21.0 | 21.0 | 21.0 | 21.0 | 21.0 | 28.1 | 37.4 | 42.1 | 36.2 | 24.4 | 15.5 |
| 92.5° | 84.3 | 67.6 | 84.3 | 101.1 | 105.2 | 149.2 | 207.8 | 237.1 | 208.1 | 150.3 | 106.9 |
| 95° | 293.9 | 243.2 | 293.9 | 344.6 | 357.3 | 469.2 | 618.5 | 693.1 | 585.4 | 369.9 | 208.3 |
| 97.5° | 704.3 | 607.7 | 704.3 | 800.8 | 825.0 | 895.7 | 990.0 | 1037.2 | 857.5 | 498.3 | 228.8 |
| 100° | 1014.7 | 899.7 | 1014.7 | 1129.7 | 1158.5 | 1153.3 | 1146.4 | 1142.9 | 943.6 | 545.0 | 246.0 |
| 102.5° | 1320.1 | 1221.6 | 1320.1 | 1418.7 | 1443.3 | 1353.1 | 1233.0 | 1172.9 | 970.8 | 566.5 | 263.2 |
| 105° | 1709.5 | 1656.6 | 1709.5 | 1762.4 | 1775.6 | 1573.6 | 1304.3 | 1169.6 | 973.9 | 582.4 | 288.7 |
| 107.5° | 1964.6 | 1977.4 | 1964.6 | 1951.7 | 1948.5 | 1666.7 | 1291.0 | 1103.1 | 930.4 | 585.3 | 326.3 |
| 110° | 2061.8 | 2117.0 | 2061.8 | 2006.6 | 1992.8 | 1677.8 | 1257.7 | 1047.7 | 892.1 | 580.8 | 347.4 |



TEST NUMBER: P935175

CATALOG NUMBER: SQ4-FA-100U-075D-940-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

| | 80° | 90° | 100° | 110° | 112.5° | 120° | 130° | 135° | 140° | 150° | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|--------|
| 112.5° | 2070.5 | 2155.2 | 2070.5 | 1985.7 | 1964.6 | 1642.2 | 1212.2 | 997.2 | 858.5 | 581.0 | 372.9 |
| 115° | 2015.6 | 2133.1 | 2015.6 | 1898.2 | 1868.8 | 1558.2 | 1143.9 | 936.8 | 820.0 | 586.3 | 411.1 |
| 117.5° | 1899.2 | 2029.4 | 1899.2 | 1768.9 | 1736.3 | 1456.0 | 1082.2 | 895.3 | 795.9 | 597.2 | 448.2 |
| 120° | 1805.4 | 1931.9 | 1805.4 | 1678.8 | 1647.2 | 1391.0 | 1049.4 | 878.7 | 787.8 | 606.1 | 469.8 |
| 122.5° | 1714.0 | 1838.9 | 1714.0 | 1589.2 | 1557.9 | 1327.3 | 1019.8 | 866.0 | 783.6 | 618.8 | 495.3 |
| 125° | 1583.7 | 1698.7 | 1583.7 | 1468.8 | 1440.0 | 1244.0 | 982.7 | 852.1 | 780.1 | 636.1 | 528.0 |
| 127.5° | 1466.5 | 1563.5 | 1466.5 | 1369.5 | 1345.2 | 1177.0 | 952.6 | 840.5 | 778.1 | 653.2 | 559.6 |
| 130° | 1397.4 | 1487.0 | 1397.4 | 1307.8 | 1285.4 | 1135.6 | 935.9 | 836.1 | 779.3 | 665.8 | 580.7 |
| 132.5° | 1334.8 | 1415.0 | 1334.8 | 1254.5 | 1234.4 | 1100.3 | 921.6 | 832.1 | 780.1 | 675.9 | 597.8 |
| 135° | 1248.9 | 1318.1 | 1248.9 | 1179.7 | 1162.4 | 1050.1 | 900.3 | 825.5 | 779.3 | 687.0 | 617.8 |
| 137.5° | 1180.0 | 1236.6 | 1180.0 | 1123.3 | 1109.2 | 1014.3 | 887.7 | 824.4 | 784.2 | 703.7 | 643.3 |
| 140° | 1132.7 | 1185.7 | 1132.7 | 1079.7 | 1066.5 | 984.5 | 875.2 | 820.5 | 784.9 | 713.8 | 660.4 |
| 142.5° | 1093.6 | 1139.1 | 1093.6 | 1047.9 | 1036.6 | 964.5 | 868.6 | 820.5 | 787.7 | 722.3 | 673.2 |
| 145° | 1034.9 | 1069.3 | 1034.9 | 1000.3 | 991.7 | 932.8 | 854.3 | 815.0 | 787.8 | 733.4 | 692.6 |
| 147.5° | 989.8 | 1018.4 | 989.8 | 961.2 | 954.1 | 907.7 | 845.9 | 815.0 | 793.2 | 749.6 | 716.9 |
| 150° | 961.3 | 984.5 | 961.3 | 938.2 | 932.4 | 893.2 | 841.1 | 815.0 | 796.0 | 758.1 | 729.7 |
| 152.5° | 937.1 | 954.6 | 937.1 | 919.6 | 915.3 | 881.9 | 837.3 | 815.0 | 797.9 | 763.7 | 738.0 |
| 155° | 909.2 | 920.8 | 909.2 | 897.7 | 894.7 | 868.2 | 832.8 | 815.0 | 802.0 | 775.8 | 756.2 |
| 157.5° | 887.2 | 895.3 | 887.2 | 879.1 | 877.1 | 856.4 | 828.8 | 815.0 | 806.0 | 788.0 | 774.5 |
| 160° | 874.1 | 878.7 | 874.1 | 869.4 | 868.2 | 850.4 | 826.8 | 815.0 | 807.9 | 793.6 | 782.9 |
| 162.5° | 865.4 | 869.8 | 865.4 | 860.9 | 859.9 | 844.9 | 825.0 | 815.0 | 809.9 | 799.5 | 791.7 |
| 165° | 853.0 | 857.6 | 853.0 | 848.3 | 847.2 | 836.4 | 822.1 | 815.0 | 812.7 | 808.0 | 804.4 |
| 167.5° | 844.0 | 846.0 | 844.0 | 842.1 | 841.6 | 834.5 | 825.2 | 820.5 | 818.6 | 814.6 | 811.6 |
| 170° | 841.6 | 841.6 | 841.6 | 841.6 | 841.6 | 834.5 | 825.2 | 820.5 | 820.4 | 820.2 | 820.0 |
| 172.5° | 835.0 | 833.3 | 835.0 | 836.7 | 837.1 | 831.6 | 824.2 | 820.5 | 820.5 | 820.5 | 820.5 |
| 175° | 831.1 | 831.1 | 831.1 | 831.1 | 831.1 | 827.5 | 822.8 | 820.5 | 821.6 | 823.8 | 825.5 |
| 177.5° | 827.4 | 825.5 | 827.4 | 829.4 | 829.9 | 827.2 | 823.5 | 821.7 | 822.6 | 824.2 | 825.5 |
| 180° | 825.5 | 825.5 | 825.5 | 825.5 | 825.5 | 825.5 | 825.5 | 825.5 | 825.5 | 825.5 | 825.5 |



TEST NUMBER: P935175

CATALOG NUMBER: SQ4-FA-100U-075D-940-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

| | 160° | 170° | 180° | 190° | 200° | 202.5° | 210° | 220° | 225° | 230° | 240° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1407.9 | 1407.9 | 1407.9 | 1407.9 | 1407.9 | 1407.9 | 1407.9 | 1407.9 | 1407.9 | 1407.9 | 1407.9 |
| 2.5° | 1427.9 | 1419.9 | 1419.9 | 1406.6 | 1401.3 | 1397.3 | 1390.6 | 1370.6 | 1365.3 | 1360.0 | 1368.0 |
| 5° | 1439.9 | 1425.2 | 1414.6 | 1390.6 | 1370.6 | 1362.6 | 1337.3 | 1289.4 | 1257.4 | 1233.4 | 1220.1 |
| 7.5° | 1442.6 | 1423.9 | 1403.9 | 1366.6 | 1318.7 | 1297.4 | 1220.1 | 1132.2 | 1108.2 | 1086.9 | 1073.6 |
| 10° | 1439.9 | 1418.6 | 1390.6 | 1334.7 | 1221.4 | 1184.1 | 1106.9 | 1049.6 | 1035.0 | 1031.0 | 1035.0 |
| 12.5° | 1430.6 | 1410.6 | 1372.0 | 1278.7 | 1120.2 | 1094.9 | 1049.6 | 1016.3 | 1013.7 | 1020.3 | 1056.3 |
| 15° | 1414.6 | 1395.9 | 1350.6 | 1204.1 | 1064.3 | 1045.6 | 1013.7 | 1001.7 | 1016.3 | 1062.9 | 1170.8 |
| 17.5° | 1398.6 | 1377.3 | 1321.3 | 1130.9 | 1021.6 | 1008.3 | 985.7 | 1009.7 | 1092.2 | 1154.8 | 1190.8 |
| 20° | 1377.3 | 1352.0 | 1288.0 | 1077.6 | 991.0 | 979.0 | 968.4 | 1076.3 | 1138.9 | 1161.5 | 1181.5 |
| 22.5° | 1352.0 | 1325.3 | 1242.8 | 1040.3 | 959.0 | 949.7 | 956.4 | 1113.6 | 1138.9 | 1154.8 | 1172.2 |
| 25° | 1318.7 | 1296.0 | 1189.5 | 1011.0 | 933.7 | 923.1 | 948.4 | 1109.6 | 1124.2 | 1128.2 | 1162.8 |
| 27.5° | 1288.0 | 1258.7 | 1133.5 | 984.3 | 903.1 | 899.1 | 955.0 | 1092.2 | 1102.9 | 1106.9 | 1144.2 |
| 30° | 1250.7 | 1206.8 | 1070.9 | 956.4 | 871.1 | 869.8 | 956.4 | 1070.9 | 1068.3 | 1078.9 | 1116.2 |
| 32.5° | 1212.1 | 1129.5 | 1000.3 | 921.7 | 840.5 | 839.2 | 947.1 | 1039.0 | 1036.3 | 1050.9 | 1078.9 |
| 35° | 1176.2 | 1069.6 | 904.4 | 881.8 | 801.9 | 803.2 | 924.4 | 1001.7 | 1003.0 | 1016.3 | 1033.6 |
| 37.5° | 1138.9 | 1017.6 | 799.2 | 837.8 | 764.6 | 764.6 | 893.8 | 967.0 | 964.4 | 968.4 | 992.3 |
| 40° | 1094.9 | 936.4 | 706.0 | 780.6 | 729.9 | 725.9 | 856.5 | 929.7 | 920.4 | 919.1 | 952.4 |
| 42.5° | 1048.3 | 847.2 | 636.7 | 704.6 | 690.0 | 684.6 | 811.2 | 884.4 | 867.1 | 871.1 | 913.8 |
| 45° | 997.7 | 823.2 | 583.4 | 595.4 | 648.7 | 644.7 | 761.9 | 832.5 | 820.5 | 831.2 | 875.1 |
| 47.5° | 947.1 | 775.2 | 566.1 | 494.2 | 604.7 | 603.4 | 707.3 | 781.9 | 775.2 | 785.9 | 832.5 |
| 50° | 877.8 | 721.9 | 564.8 | 423.6 | 555.4 | 560.8 | 642.0 | 732.6 | 732.6 | 741.9 | 791.2 |
| 52.5° | 788.5 | 656.7 | 512.8 | 383.6 | 498.2 | 514.2 | 584.7 | 690.0 | 692.6 | 702.0 | 745.9 |
| 55° | 707.3 | 588.7 | 475.5 | 353.0 | 430.2 | 464.9 | 528.8 | 646.0 | 651.3 | 660.7 | 700.6 |
| 57.5° | 632.7 | 490.2 | 467.5 | 317.0 | 367.6 | 400.9 | 479.5 | 603.4 | 606.1 | 614.1 | 652.7 |
| 60° | 552.8 | 354.3 | 428.9 | 278.4 | 313.0 | 338.3 | 434.2 | 552.8 | 562.1 | 567.4 | 600.7 |
| 62.5° | 462.2 | 257.1 | 388.9 | 251.7 | 286.4 | 291.7 | 396.9 | 504.8 | 516.8 | 520.8 | 540.8 |
| 65° | 329.0 | 215.8 | 330.3 | 229.1 | 258.4 | 259.7 | 357.0 | 455.5 | 466.2 | 472.9 | 487.5 |
| 67.5° | 222.4 | 175.8 | 251.7 | 207.8 | 237.1 | 238.4 | 318.3 | 398.3 | 412.9 | 418.2 | 427.6 |
| 70° | 154.5 | 117.2 | 186.5 | 185.1 | 213.1 | 215.8 | 277.1 | 346.3 | 359.6 | 363.6 | 369.0 |
| 72.5° | 113.2 | 94.6 | 154.5 | 166.5 | 187.8 | 190.5 | 234.4 | 287.7 | 301.0 | 305.0 | 307.7 |
| 75° | 86.6 | 99.9 | 125.2 | 145.2 | 159.8 | 161.2 | 191.8 | 234.4 | 243.8 | 246.4 | 247.8 |
| 77.5° | 69.3 | 93.2 | 91.9 | 117.2 | 130.5 | 127.9 | 150.5 | 181.2 | 189.1 | 189.1 | 189.1 |
| 80° | 51.9 | 73.3 | 69.3 | 83.9 | 95.9 | 93.2 | 107.9 | 129.2 | 131.9 | 134.5 | 133.2 |
| 82.5° | 38.6 | 46.6 | 46.6 | 53.3 | 63.9 | 61.3 | 71.9 | 83.9 | 83.9 | 83.9 | 86.6 |
| 85° | 24.0 | 26.6 | 21.3 | 28.0 | 36.0 | 34.6 | 40.0 | 45.3 | 46.6 | 46.6 | 44.0 |
| 87.5° | 14.7 | 12.0 | 6.7 | 10.7 | 16.0 | 16.0 | 18.6 | 20.0 | 18.6 | 18.6 | 18.6 |
| 90° | 14.4 | 9.9 | 5.5 | 9.9 | 14.4 | 15.5 | 24.4 | 36.2 | 42.1 | 37.4 | 28.1 |
| 92.5° | 97.5 | 59.9 | 22.2 | 59.9 | 97.5 | 106.9 | 150.3 | 208.1 | 237.1 | 207.8 | 149.2 |
| 95° | 191.1 | 122.1 | 53.2 | 122.1 | 191.1 | 208.3 | 369.9 | 585.4 | 693.1 | 618.5 | 469.2 |
| 97.5° | 213.7 | 152.8 | 92.0 | 152.8 | 213.7 | 228.8 | 498.3 | 857.5 | 1037.2 | 990.0 | 895.7 |
| 100° | 232.2 | 177.1 | 121.9 | 177.1 | 232.2 | 246.0 | 545.0 | 943.6 | 1142.9 | 1146.4 | 1153.3 |
| 102.5° | 250.3 | 198.9 | 147.4 | 198.9 | 250.3 | 263.2 | 566.5 | 970.8 | 1172.9 | 1233.0 | 1353.1 |
| 105° | 277.8 | 234.2 | 190.6 | 234.2 | 277.8 | 288.7 | 582.4 | 973.9 | 1169.6 | 1304.3 | 1573.6 |
| 107.5° | 316.2 | 275.5 | 234.9 | 275.5 | 316.2 | 326.3 | 585.3 | 930.4 | 1103.1 | 1291.0 | 1666.7 |
| 110° | 338.2 | 301.5 | 264.8 | 301.5 | 338.2 | 347.4 | 580.8 | 892.1 | 1047.7 | 1257.7 | 1677.8 |



TEST NUMBER: P935175

CATALOG NUMBER: SQ4-FA-100U-075D-940-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

| | 160° | 170° | 180° | 190° | 200° | 202.5° | 210° | 220° | 225° | 230° | 240° |
|--------|-------|-------|-------|-------|-------|--------|-------|-------|-------|--------|--------|
| 112.5° | 364.2 | 329.2 | 294.2 | 329.2 | 364.2 | 372.9 | 581.0 | 858.5 | 997.2 | 1212.2 | 1642.2 |
| 115° | 403.0 | 370.7 | 338.5 | 370.7 | 403.0 | 411.1 | 586.3 | 820.0 | 936.8 | 1143.9 | 1558.2 |
| 117.5° | 440.9 | 411.6 | 382.3 | 411.6 | 440.9 | 448.2 | 597.2 | 795.9 | 895.3 | 1082.2 | 1456.0 |
| 120° | 462.9 | 435.4 | 407.8 | 435.4 | 462.9 | 469.8 | 606.1 | 787.8 | 878.7 | 1049.4 | 1391.0 |
| 122.5° | 488.4 | 460.5 | 432.7 | 460.5 | 488.4 | 495.3 | 618.8 | 783.6 | 866.0 | 1019.8 | 1327.3 |
| 125° | 521.7 | 496.3 | 470.9 | 496.3 | 521.7 | 528.0 | 636.1 | 780.1 | 852.1 | 982.7 | 1244.0 |
| 127.5° | 553.2 | 527.6 | 502.0 | 527.6 | 553.2 | 559.6 | 653.2 | 778.1 | 840.5 | 952.6 | 1177.0 |
| 130° | 573.7 | 546.2 | 518.6 | 546.2 | 573.7 | 580.7 | 665.8 | 779.3 | 836.1 | 935.9 | 1135.6 |
| 132.5° | 590.9 | 563.3 | 535.7 | 563.3 | 590.9 | 597.8 | 675.9 | 780.1 | 832.1 | 921.6 | 1100.3 |
| 135° | 611.5 | 586.3 | 561.2 | 586.3 | 611.5 | 617.8 | 687.0 | 779.3 | 825.5 | 900.3 | 1050.1 |
| 137.5° | 637.1 | 612.1 | 587.2 | 612.1 | 637.1 | 643.3 | 703.7 | 784.2 | 824.4 | 887.7 | 1014.3 |
| 140° | 654.7 | 631.8 | 608.9 | 631.8 | 654.7 | 660.4 | 713.8 | 784.9 | 820.5 | 875.2 | 984.5 |
| 142.5° | 667.9 | 646.7 | 625.5 | 646.7 | 667.9 | 673.2 | 722.3 | 787.7 | 820.5 | 868.6 | 964.5 |
| 145° | 687.9 | 669.5 | 651.0 | 669.5 | 687.9 | 692.6 | 733.4 | 787.8 | 815.0 | 854.3 | 932.8 |
| 147.5° | 712.4 | 694.4 | 676.5 | 694.4 | 712.4 | 716.9 | 749.6 | 793.2 | 815.0 | 845.9 | 907.7 |
| 150° | 725.6 | 709.3 | 693.1 | 709.3 | 725.6 | 729.7 | 758.1 | 796.0 | 815.0 | 841.1 | 893.2 |
| 152.5° | 734.9 | 722.7 | 710.3 | 722.7 | 734.9 | 738.0 | 763.7 | 797.9 | 815.0 | 837.3 | 881.9 |
| 155° | 753.9 | 744.9 | 735.8 | 744.9 | 753.9 | 756.2 | 775.8 | 802.0 | 815.0 | 832.8 | 868.2 |
| 157.5° | 772.3 | 763.5 | 754.6 | 763.5 | 772.3 | 774.5 | 788.0 | 806.0 | 815.0 | 828.8 | 856.4 |
| 160° | 781.2 | 774.2 | 767.3 | 774.2 | 781.2 | 782.9 | 793.6 | 807.9 | 815.0 | 826.8 | 850.4 |
| 162.5° | 790.4 | 785.3 | 780.1 | 785.3 | 790.4 | 791.7 | 799.5 | 809.9 | 815.0 | 825.0 | 844.9 |
| 165° | 803.3 | 798.6 | 794.0 | 798.6 | 803.3 | 804.4 | 808.0 | 812.7 | 815.0 | 822.1 | 836.4 |
| 167.5° | 811.1 | 808.9 | 806.7 | 808.9 | 811.1 | 811.6 | 814.6 | 818.6 | 820.5 | 825.2 | 834.5 |
| 170° | 819.4 | 817.2 | 815.0 | 817.2 | 819.4 | 820.0 | 820.2 | 820.4 | 820.5 | 825.2 | 834.5 |
| 172.5° | 820.4 | 819.9 | 819.4 | 819.9 | 820.4 | 820.5 | 820.5 | 820.5 | 820.5 | 824.2 | 831.6 |
| 175° | 825.5 | 825.5 | 825.5 | 825.5 | 825.5 | 825.5 | 823.8 | 821.6 | 820.5 | 822.8 | 827.5 |
| 177.5° | 825.5 | 825.5 | 825.5 | 825.5 | 825.5 | 825.5 | 824.2 | 822.6 | 821.7 | 823.5 | 827.2 |
| 180° | 825.5 | 825.5 | 825.5 | 825.5 | 825.5 | 825.5 | 825.5 | 825.5 | 825.5 | 825.5 | 825.5 |



TEST NUMBER: P935175
 CATALOG NUMBER: SQ4-FA-100U-075D-940-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 260° | 270° | 280° | 290° | 292.5° | 300° | 310° | 315° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1407.9 | 1407.9 | 1407.9 | 1407.9 | 1407.9 | 1407.9 | 1407.9 | 1407.9 | 1407.9 | 1407.9 | 1407.9 |
| 2.5° | 1358.6 | 1354.6 | 1360.0 | 1345.3 | 1360.0 | 1354.6 | 1358.6 | 1368.0 | 1360.0 | 1365.3 | 1370.6 |
| 5° | 1192.1 | 1185.5 | 1164.2 | 1146.9 | 1164.2 | 1185.5 | 1192.1 | 1220.1 | 1233.4 | 1257.4 | 1289.4 |
| 7.5° | 1065.6 | 1060.3 | 1054.9 | 1044.3 | 1054.9 | 1060.3 | 1065.6 | 1073.6 | 1086.9 | 1108.2 | 1132.2 |
| 10° | 1037.6 | 1039.0 | 1047.0 | 1045.6 | 1047.0 | 1039.0 | 1037.6 | 1035.0 | 1031.0 | 1035.0 | 1049.6 |
| 12.5° | 1109.6 | 1121.5 | 1165.5 | 1162.8 | 1165.5 | 1121.5 | 1109.6 | 1056.3 | 1020.3 | 1013.7 | 1016.3 |
| 15° | 1192.1 | 1196.1 | 1205.5 | 1206.8 | 1205.5 | 1196.1 | 1192.1 | 1170.8 | 1062.9 | 1016.3 | 1001.7 |
| 17.5° | 1200.1 | 1201.5 | 1208.1 | 1208.1 | 1208.1 | 1201.5 | 1200.1 | 1190.8 | 1154.8 | 1092.2 | 1009.7 |
| 20° | 1193.5 | 1196.1 | 1209.5 | 1212.1 | 1209.5 | 1196.1 | 1193.5 | 1181.5 | 1161.5 | 1138.9 | 1076.3 |
| 22.5° | 1190.8 | 1196.1 | 1206.8 | 1205.5 | 1206.8 | 1196.1 | 1190.8 | 1172.2 | 1154.8 | 1138.9 | 1113.6 |
| 25° | 1177.5 | 1177.5 | 1178.8 | 1180.2 | 1178.8 | 1177.5 | 1177.5 | 1162.8 | 1128.2 | 1124.2 | 1109.6 |
| 27.5° | 1149.5 | 1152.2 | 1160.2 | 1158.8 | 1160.2 | 1152.2 | 1149.5 | 1144.2 | 1106.9 | 1102.9 | 1092.2 |
| 30° | 1124.2 | 1121.5 | 1114.9 | 1109.6 | 1114.9 | 1121.5 | 1124.2 | 1116.2 | 1078.9 | 1068.3 | 1070.9 |
| 32.5° | 1081.6 | 1074.9 | 1068.3 | 1064.3 | 1068.3 | 1074.9 | 1081.6 | 1078.9 | 1050.9 | 1036.3 | 1039.0 |
| 35° | 1031.0 | 1032.3 | 1031.0 | 1027.0 | 1031.0 | 1032.3 | 1031.0 | 1033.6 | 1016.3 | 1003.0 | 1001.7 |
| 37.5° | 995.0 | 997.7 | 996.3 | 991.0 | 996.3 | 997.7 | 995.0 | 992.3 | 968.4 | 964.4 | 967.0 |
| 40° | 957.7 | 959.0 | 957.7 | 953.7 | 957.7 | 959.0 | 957.7 | 952.4 | 919.1 | 920.4 | 929.7 |
| 42.5° | 921.7 | 920.4 | 916.4 | 913.8 | 916.4 | 920.4 | 921.7 | 913.8 | 871.1 | 867.1 | 884.4 |
| 45° | 880.5 | 881.8 | 873.8 | 869.8 | 873.8 | 881.8 | 880.5 | 875.1 | 831.2 | 820.5 | 832.5 |
| 47.5° | 839.2 | 839.2 | 832.5 | 828.5 | 832.5 | 839.2 | 839.2 | 832.5 | 785.9 | 775.2 | 781.9 |
| 50° | 795.2 | 793.9 | 784.5 | 783.2 | 784.5 | 793.9 | 795.2 | 791.2 | 741.9 | 732.6 | 732.6 |
| 52.5° | 744.6 | 744.6 | 745.9 | 748.6 | 745.9 | 744.6 | 744.6 | 745.9 | 702.0 | 692.6 | 690.0 |
| 55° | 700.6 | 702.0 | 711.3 | 714.0 | 711.3 | 702.0 | 700.6 | 700.6 | 660.7 | 651.3 | 646.0 |
| 57.5° | 655.3 | 655.3 | 662.0 | 662.0 | 662.0 | 655.3 | 655.3 | 652.7 | 614.1 | 606.1 | 603.4 |
| 60° | 603.4 | 606.1 | 611.4 | 610.1 | 611.4 | 606.1 | 603.4 | 600.7 | 567.4 | 562.1 | 552.8 |
| 62.5° | 548.8 | 551.4 | 552.8 | 550.1 | 552.8 | 551.4 | 548.8 | 540.8 | 520.8 | 516.8 | 504.8 |
| 65° | 491.5 | 494.2 | 495.5 | 492.8 | 495.5 | 494.2 | 491.5 | 487.5 | 472.9 | 466.2 | 455.5 |
| 67.5° | 432.9 | 431.6 | 430.2 | 435.6 | 430.2 | 431.6 | 432.9 | 427.6 | 418.2 | 412.9 | 398.3 |
| 70° | 373.0 | 373.0 | 371.6 | 374.3 | 371.6 | 373.0 | 373.0 | 369.0 | 363.6 | 359.6 | 346.3 |
| 72.5° | 309.0 | 307.7 | 313.0 | 309.0 | 313.0 | 307.7 | 309.0 | 307.7 | 305.0 | 301.0 | 287.7 |
| 75° | 246.4 | 249.1 | 246.4 | 250.4 | 246.4 | 249.1 | 246.4 | 247.8 | 246.4 | 243.8 | 234.4 |
| 77.5° | 187.8 | 190.5 | 187.8 | 187.8 | 187.8 | 190.5 | 187.8 | 189.1 | 189.1 | 189.1 | 181.2 |
| 80° | 133.2 | 131.9 | 131.9 | 130.5 | 131.9 | 131.9 | 133.2 | 133.2 | 134.5 | 131.9 | 129.2 |
| 82.5° | 85.2 | 83.9 | 83.9 | 86.6 | 83.9 | 83.9 | 85.2 | 86.6 | 83.9 | 83.9 | 83.9 |
| 85° | 46.6 | 48.0 | 45.3 | 45.3 | 45.3 | 48.0 | 46.6 | 44.0 | 46.6 | 46.6 | 45.3 |
| 87.5° | 17.3 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 17.3 | 18.6 | 18.6 | 18.6 | 20.0 |
| 90° | 21.0 | 21.0 | 21.0 | 21.0 | 21.0 | 21.0 | 21.0 | 28.1 | 37.4 | 42.1 | 36.2 |
| 92.5° | 105.2 | 101.1 | 84.3 | 67.6 | 84.3 | 101.1 | 105.2 | 149.2 | 207.8 | 237.1 | 208.1 |
| 95° | 357.3 | 344.6 | 293.9 | 243.2 | 293.9 | 344.6 | 357.3 | 469.2 | 618.5 | 693.1 | 585.4 |
| 97.5° | 825.0 | 800.8 | 704.3 | 607.7 | 704.3 | 800.8 | 825.0 | 895.7 | 990.0 | 1037.2 | 857.5 |
| 100° | 1158.5 | 1129.7 | 1014.7 | 899.7 | 1014.7 | 1129.7 | 1158.5 | 1153.3 | 1146.4 | 1142.9 | 943.6 |
| 102.5° | 1443.3 | 1418.7 | 1320.1 | 1221.6 | 1320.1 | 1418.7 | 1443.3 | 1353.1 | 1233.0 | 1172.9 | 970.8 |
| 105° | 1775.6 | 1762.4 | 1709.5 | 1656.6 | 1709.5 | 1762.4 | 1775.6 | 1573.6 | 1304.3 | 1169.6 | 973.9 |
| 107.5° | 1948.5 | 1951.7 | 1964.6 | 1977.4 | 1964.6 | 1951.7 | 1948.5 | 1666.7 | 1291.0 | 1103.1 | 930.4 |
| 110° | 1992.8 | 2006.6 | 2061.8 | 2117.0 | 2061.8 | 2006.6 | 1992.8 | 1677.8 | 1257.7 | 1047.7 | 892.1 |



TEST NUMBER: P935175

CATALOG NUMBER: SQ4-FA-100U-075D-940-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 260° | 270° | 280° | 290° | 292.5° | 300° | 310° | 315° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|
| 112.5° | 1964.6 | 1985.7 | 2070.5 | 2155.2 | 2070.5 | 1985.7 | 1964.6 | 1642.2 | 1212.2 | 997.2 | 858.5 |
| 115° | 1868.8 | 1898.2 | 2015.6 | 2133.1 | 2015.6 | 1898.2 | 1868.8 | 1558.2 | 1143.9 | 936.8 | 820.0 |
| 117.5° | 1736.3 | 1768.9 | 1899.2 | 2029.4 | 1899.2 | 1768.9 | 1736.3 | 1456.0 | 1082.2 | 895.3 | 795.9 |
| 120° | 1647.2 | 1678.8 | 1805.4 | 1931.9 | 1805.4 | 1678.8 | 1647.2 | 1391.0 | 1049.4 | 878.7 | 787.8 |
| 122.5° | 1557.9 | 1589.2 | 1714.0 | 1838.9 | 1714.0 | 1589.2 | 1557.9 | 1327.3 | 1019.8 | 866.0 | 783.6 |
| 125° | 1440.0 | 1468.8 | 1583.7 | 1698.7 | 1583.7 | 1468.8 | 1440.0 | 1244.0 | 982.7 | 852.1 | 780.1 |
| 127.5° | 1345.2 | 1369.5 | 1466.5 | 1563.5 | 1466.5 | 1369.5 | 1345.2 | 1177.0 | 952.6 | 840.5 | 778.1 |
| 130° | 1285.4 | 1307.8 | 1397.4 | 1487.0 | 1397.4 | 1307.8 | 1285.4 | 1135.6 | 935.9 | 836.1 | 779.3 |
| 132.5° | 1234.4 | 1254.5 | 1334.8 | 1415.0 | 1334.8 | 1254.5 | 1234.4 | 1100.3 | 921.6 | 832.1 | 780.1 |
| 135° | 1162.4 | 1179.7 | 1248.9 | 1318.1 | 1248.9 | 1179.7 | 1162.4 | 1050.1 | 900.3 | 825.5 | 779.3 |
| 137.5° | 1109.2 | 1123.3 | 1180.0 | 1236.6 | 1180.0 | 1123.3 | 1109.2 | 1014.3 | 887.7 | 824.4 | 784.2 |
| 140° | 1066.5 | 1079.7 | 1132.7 | 1185.7 | 1132.7 | 1079.7 | 1066.5 | 984.5 | 875.2 | 820.5 | 784.9 |
| 142.5° | 1036.6 | 1047.9 | 1093.6 | 1139.1 | 1093.6 | 1047.9 | 1036.6 | 964.5 | 868.6 | 820.5 | 787.7 |
| 145° | 991.7 | 1000.3 | 1034.9 | 1069.3 | 1034.9 | 1000.3 | 991.7 | 932.8 | 854.3 | 815.0 | 787.8 |
| 147.5° | 954.1 | 961.2 | 989.8 | 1018.4 | 989.8 | 961.2 | 954.1 | 907.7 | 845.9 | 815.0 | 793.2 |
| 150° | 932.4 | 938.2 | 961.3 | 984.5 | 961.3 | 938.2 | 932.4 | 893.2 | 841.1 | 815.0 | 796.0 |
| 152.5° | 915.3 | 919.6 | 937.1 | 954.6 | 937.1 | 919.6 | 915.3 | 881.9 | 837.3 | 815.0 | 797.9 |
| 155° | 894.7 | 897.7 | 909.2 | 920.8 | 909.2 | 897.7 | 894.7 | 868.2 | 832.8 | 815.0 | 802.0 |
| 157.5° | 877.1 | 879.1 | 887.2 | 895.3 | 887.2 | 879.1 | 877.1 | 856.4 | 828.8 | 815.0 | 806.0 |
| 160° | 868.2 | 869.4 | 874.1 | 878.7 | 874.1 | 869.4 | 868.2 | 850.4 | 826.8 | 815.0 | 807.9 |
| 162.5° | 859.9 | 860.9 | 865.4 | 869.8 | 865.4 | 860.9 | 859.9 | 844.9 | 825.0 | 815.0 | 809.9 |
| 165° | 847.2 | 848.3 | 853.0 | 857.6 | 853.0 | 848.3 | 847.2 | 836.4 | 822.1 | 815.0 | 812.7 |
| 167.5° | 841.6 | 842.1 | 844.0 | 846.0 | 844.0 | 842.1 | 841.6 | 834.5 | 825.2 | 820.5 | 818.6 |
| 170° | 841.6 | 841.6 | 841.6 | 841.6 | 841.6 | 841.6 | 841.6 | 834.5 | 825.2 | 820.5 | 820.4 |
| 172.5° | 837.1 | 836.7 | 835.0 | 833.3 | 835.0 | 836.7 | 837.1 | 831.6 | 824.2 | 820.5 | 820.5 |
| 175° | 831.1 | 831.1 | 831.1 | 831.1 | 831.1 | 831.1 | 831.1 | 827.5 | 822.8 | 820.5 | 821.6 |
| 177.5° | 829.9 | 829.4 | 827.4 | 825.5 | 827.4 | 829.4 | 829.9 | 827.2 | 823.5 | 821.7 | 822.6 |
| 180° | 825.5 | 825.5 | 825.5 | 825.5 | 825.5 | 825.5 | 825.5 | 825.5 | 825.5 | 825.5 | 825.5 |



TEST NUMBER: P935175

CATALOG NUMBER: SQ4-FA-100U-075D-940-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

| | 330° | 337.5° | 340° | 350° | 360° |
|--------|--------|--------|--------|--------|--------|
| 0° | 1407.9 | 1407.9 | 1407.9 | 1407.9 | 1407.9 |
| 2.5° | 1390.6 | 1397.3 | 1401.3 | 1406.6 | 1419.9 |
| 5° | 1337.3 | 1362.6 | 1370.6 | 1390.6 | 1414.6 |
| 7.5° | 1220.1 | 1297.4 | 1318.7 | 1366.6 | 1403.9 |
| 10° | 1106.9 | 1184.1 | 1221.4 | 1334.7 | 1390.6 |
| 12.5° | 1049.6 | 1094.9 | 1120.2 | 1278.7 | 1372.0 |
| 15° | 1013.7 | 1045.6 | 1064.3 | 1204.1 | 1350.6 |
| 17.5° | 985.7 | 1008.3 | 1021.6 | 1130.9 | 1321.3 |
| 20° | 968.4 | 979.0 | 991.0 | 1077.6 | 1288.0 |
| 22.5° | 956.4 | 949.7 | 959.0 | 1040.3 | 1242.8 |
| 25° | 948.4 | 923.1 | 933.7 | 1011.0 | 1189.5 |
| 27.5° | 955.0 | 899.1 | 903.1 | 984.3 | 1133.5 |
| 30° | 956.4 | 869.8 | 871.1 | 956.4 | 1070.9 |
| 32.5° | 947.1 | 839.2 | 840.5 | 921.7 | 1000.3 |
| 35° | 924.4 | 803.2 | 801.9 | 881.8 | 904.4 |
| 37.5° | 893.8 | 764.6 | 764.6 | 837.8 | 799.2 |
| 40° | 856.5 | 725.9 | 729.9 | 780.6 | 706.0 |
| 42.5° | 811.2 | 684.6 | 690.0 | 704.6 | 636.7 |
| 45° | 761.9 | 644.7 | 648.7 | 595.4 | 583.4 |
| 47.5° | 707.3 | 603.4 | 604.7 | 494.2 | 566.1 |
| 50° | 642.0 | 560.8 | 555.4 | 423.6 | 564.8 |
| 52.5° | 584.7 | 514.2 | 498.2 | 383.6 | 512.8 |
| 55° | 528.8 | 464.9 | 430.2 | 353.0 | 475.5 |
| 57.5° | 479.5 | 400.9 | 367.6 | 317.0 | 467.5 |
| 60° | 434.2 | 338.3 | 313.0 | 278.4 | 428.9 |
| 62.5° | 396.9 | 291.7 | 286.4 | 251.7 | 388.9 |
| 65° | 357.0 | 259.7 | 258.4 | 229.1 | 330.3 |
| 67.5° | 318.3 | 238.4 | 237.1 | 207.8 | 251.7 |
| 70° | 277.1 | 215.8 | 213.1 | 185.1 | 186.5 |
| 72.5° | 234.4 | 190.5 | 187.8 | 166.5 | 154.5 |
| 75° | 191.8 | 161.2 | 159.8 | 145.2 | 125.2 |
| 77.5° | 150.5 | 127.9 | 130.5 | 117.2 | 91.9 |
| 80° | 107.9 | 93.2 | 95.9 | 83.9 | 69.3 |
| 82.5° | 71.9 | 61.3 | 63.9 | 53.3 | 46.6 |
| 85° | 40.0 | 34.6 | 36.0 | 28.0 | 21.3 |
| 87.5° | 18.6 | 16.0 | 16.0 | 10.7 | 6.7 |
| 90° | 24.4 | 15.5 | 14.4 | 9.9 | 5.5 |
| 92.5° | 150.3 | 106.9 | 97.5 | 59.9 | 22.2 |
| 95° | 369.9 | 208.3 | 191.1 | 122.1 | 53.2 |
| 97.5° | 498.3 | 228.8 | 213.7 | 152.8 | 92.0 |
| 100° | 545.0 | 246.0 | 232.2 | 177.1 | 121.9 |
| 102.5° | 566.5 | 263.2 | 250.3 | 198.9 | 147.4 |
| 105° | 582.4 | 288.7 | 277.8 | 234.2 | 190.6 |
| 107.5° | 585.3 | 326.3 | 316.2 | 275.5 | 234.9 |
| 110° | 580.8 | 347.4 | 338.2 | 301.5 | 264.8 |



TEST NUMBER: P935175

CATALOG NUMBER: SQ4-FA-100U-075D-940-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

| | 330° | 337.5° | 340° | 350° | 360° |
|--------|-------|--------|-------|-------|-------|
| 112.5° | 581.0 | 372.9 | 364.2 | 329.2 | 294.2 |
| 115° | 586.3 | 411.1 | 403.0 | 370.7 | 338.5 |
| 117.5° | 597.2 | 448.2 | 440.9 | 411.6 | 382.3 |
| 120° | 606.1 | 469.8 | 462.9 | 435.4 | 407.8 |
| 122.5° | 618.8 | 495.3 | 488.4 | 460.5 | 432.7 |
| 125° | 636.1 | 528.0 | 521.7 | 496.3 | 470.9 |
| 127.5° | 653.2 | 559.6 | 553.2 | 527.6 | 502.0 |
| 130° | 665.8 | 580.7 | 573.7 | 546.2 | 518.6 |
| 132.5° | 675.9 | 597.8 | 590.9 | 563.3 | 535.7 |
| 135° | 687.0 | 617.8 | 611.5 | 586.3 | 561.2 |
| 137.5° | 703.7 | 643.3 | 637.1 | 612.1 | 587.2 |
| 140° | 713.8 | 660.4 | 654.7 | 631.8 | 608.9 |
| 142.5° | 722.3 | 673.2 | 667.9 | 646.7 | 625.5 |
| 145° | 733.4 | 692.6 | 687.9 | 669.5 | 651.0 |
| 147.5° | 749.6 | 716.9 | 712.4 | 694.4 | 676.5 |
| 150° | 758.1 | 729.7 | 725.6 | 709.3 | 693.1 |
| 152.5° | 763.7 | 738.0 | 734.9 | 722.7 | 710.3 |
| 155° | 775.8 | 756.2 | 753.9 | 744.9 | 735.8 |
| 157.5° | 788.0 | 774.5 | 772.3 | 763.5 | 754.6 |
| 160° | 793.6 | 782.9 | 781.2 | 774.2 | 767.3 |
| 162.5° | 799.5 | 791.7 | 790.4 | 785.3 | 780.1 |
| 165° | 808.0 | 804.4 | 803.3 | 798.6 | 794.0 |
| 167.5° | 814.6 | 811.6 | 811.1 | 808.9 | 806.7 |
| 170° | 820.2 | 820.0 | 819.4 | 817.2 | 815.0 |
| 172.5° | 820.5 | 820.5 | 820.4 | 819.9 | 819.4 |
| 175° | 823.8 | 825.5 | 825.5 | 825.5 | 825.5 |
| 177.5° | 824.2 | 825.5 | 825.5 | 825.5 | 825.5 |
| 180° | 825.5 | 825.5 | 825.5 | 825.5 | 825.5 |



TEST NUMBER: P935175
 CATALOG NUMBER: SQ4-FA-100U-075D-940-1D-UNV-STD-W-6

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 | 11.38 | 12.17 | 12.42 | 13.21 | 14.61 | 14.21 | 14.99 | 15.24 | 16.03 | 17.43 |
| | 3H | 11.85 | 12.56 | 12.90 | 13.60 | 15.02 | 15.55 | 16.25 | 16.59 | 17.30 | 18.72 |
| | 4H | 12.04 | 12.71 | 13.10 | 13.76 | 15.18 | 15.98 | 16.65 | 17.04 | 17.70 | 19.13 |
| | 6H | 12.16 | 12.77 | 13.22 | 13.82 | 15.26 | 16.26 | 16.88 | 17.33 | 17.93 | 19.37 |
| | 8H | 12.16 | 12.74 | 13.23 | 13.81 | 15.24 | 16.34 | 16.92 | 17.41 | 17.99 | 19.42 |
| | 12H | 12.12 | 12.68 | 13.20 | 13.74 | 15.20 | 16.37 | 16.92 | 17.45 | 17.99 | 19.45 |
| 4H | 2H | 12.40 | 13.07 | 13.47 | 14.12 | 15.55 | 14.61 | 15.27 | 15.67 | 16.32 | 17.75 |
| | 3H | 13.42 | 13.98 | 14.49 | 15.06 | 16.50 | 16.10 | 16.66 | 17.17 | 17.74 | 19.18 |
| | 4H | 13.70 | 14.20 | 14.77 | 15.27 | 16.74 | 16.63 | 17.14 | 17.70 | 18.21 | 19.67 |
| | 6H | 13.82 | 14.25 | 14.90 | 15.35 | 16.80 | 16.99 | 17.42 | 18.07 | 18.52 | 19.97 |
| | 8H | 13.82 | 14.23 | 14.91 | 15.31 | 16.79 | 17.09 | 17.50 | 18.18 | 18.58 | 20.05 |
| | 12H | 13.79 | 14.15 | 14.89 | 15.25 | 16.73 | 17.14 | 17.51 | 18.25 | 18.61 | 20.09 |
| 8H | 4H | 14.14 | 14.55 | 15.23 | 15.64 | 17.11 | 16.75 | 17.15 | 17.83 | 18.24 | 19.71 |
| | 6H | 14.40 | 14.74 | 15.51 | 15.87 | 17.33 | 17.18 | 17.51 | 18.29 | 18.64 | 20.11 |
| | 8H | 14.44 | 14.74 | 15.56 | 15.85 | 17.34 | 17.33 | 17.62 | 18.44 | 18.73 | 20.22 |
| | 12H | 14.42 | 14.68 | 15.54 | 15.79 | 17.31 | 17.42 | 17.68 | 18.54 | 18.79 | 20.31 |
| 12H | 4H | 14.15 | 14.51 | 15.25 | 15.61 | 17.09 | 16.71 | 17.07 | 17.81 | 18.17 | 19.65 |
| | 6H | 14.46 | 14.76 | 15.58 | 15.87 | 17.35 | 17.17 | 17.47 | 18.29 | 18.58 | 20.07 |
| | 8H | 14.52 | 14.78 | 15.64 | 15.89 | 17.41 | 17.33 | 17.59 | 18.45 | 18.70 | 20.22 |