

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: P935603

Luminaire Tested: SQ4-FA-125U-075D-B40-1D-UNV-STD-W-6

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935603
REPORT IS A COMBINATION OF REPORTS P933759 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-125U-075D-B40-1D-UNV-STD-W-6
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

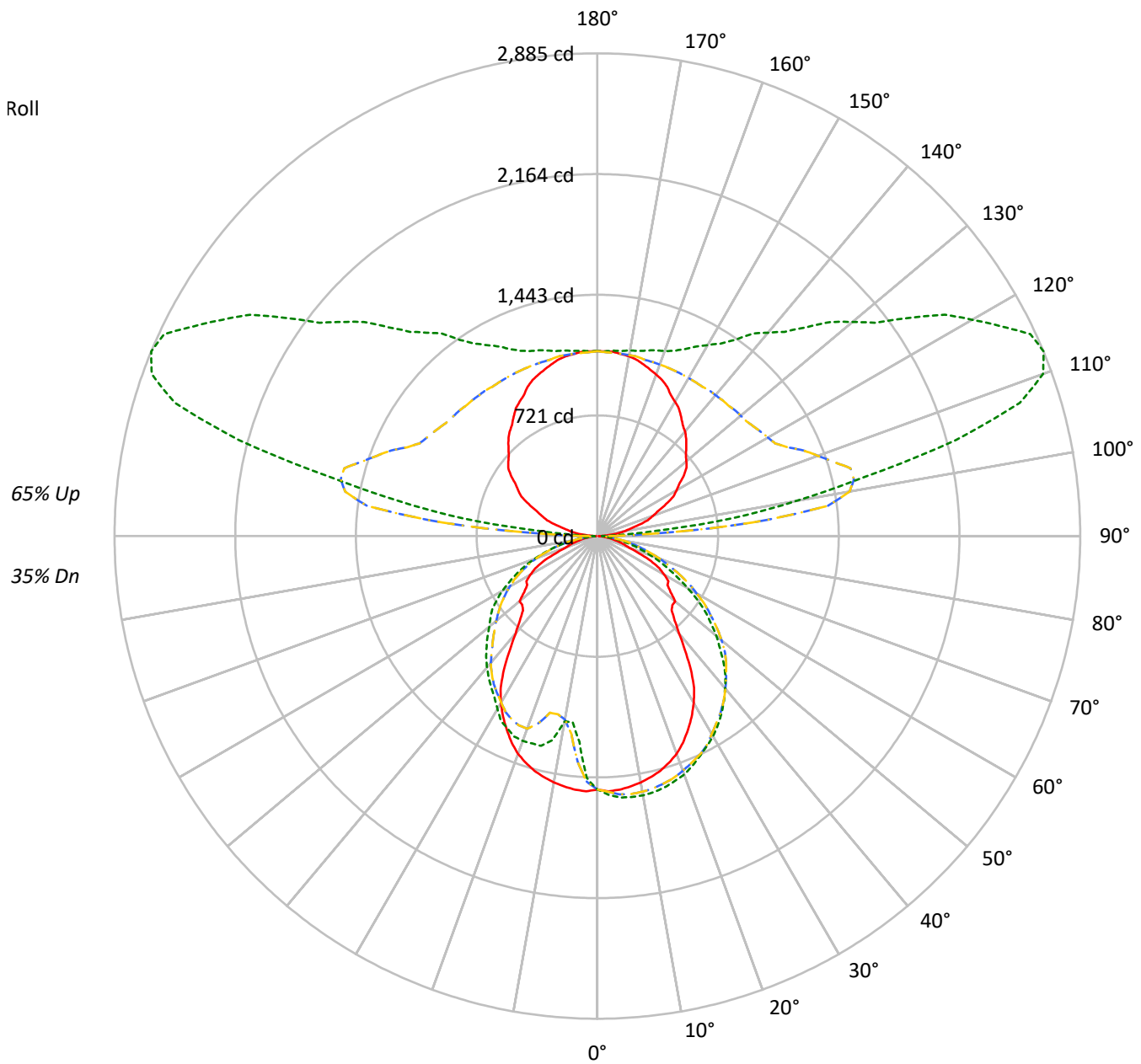
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11094.1 lumens
Efficiency: N/A
Efficacy: 133.0 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: Semi-Indirect

Input Watts (W): 83.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P935603
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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 | | | | 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 | 104 | 104 | 104 | 104 | 94 | 94 | 94 | 94 | 75 | 75 | 75 | 58 | 58 | 58 | 43 | 43 | 43 | 35 | | | | 35 |
| 1 | 95 | 90 | 87 | 83 | 85 | 82 | 79 | 76 | 66 | 64 | 62 | 51 | 50 | 49 | 38 | 37 | 36 | 30 | | | | 30 |
| 2 | 86 | 79 | 73 | 68 | 78 | 72 | 66 | 62 | 58 | 54 | 51 | 45 | 43 | 41 | 33 | 32 | 30 | 25 | | | | 25 |
| 3 | 78 | 69 | 62 | 56 | 71 | 63 | 57 | 52 | 51 | 47 | 43 | 40 | 37 | 34 | 29 | 28 | 26 | 21 | | | | 21 |
| 4 | 72 | 61 | 54 | 48 | 65 | 56 | 49 | 44 | 45 | 40 | 36 | 35 | 32 | 29 | 26 | 24 | 22 | 18 | | | | 18 |
| 5 | 66 | 54 | 46 | 41 | 59 | 50 | 43 | 38 | 40 | 35 | 31 | 32 | 28 | 25 | 24 | 21 | 19 | 16 | | | | 16 |
| 6 | 60 | 49 | 41 | 35 | 54 | 44 | 37 | 32 | 36 | 31 | 27 | 29 | 25 | 22 | 21 | 19 | 17 | 14 | | | | 14 |
| 7 | 56 | 44 | 36 | 31 | 50 | 40 | 33 | 28 | 33 | 28 | 24 | 26 | 22 | 19 | 20 | 17 | 15 | 12 | | | | 12 |
| 8 | 52 | 40 | 32 | 27 | 47 | 36 | 30 | 25 | 30 | 25 | 21 | 24 | 20 | 17 | 18 | 15 | 13 | 11 | | | | 11 |
| 9 | 48 | 36 | 29 | 24 | 43 | 33 | 27 | 22 | 27 | 22 | 19 | 22 | 18 | 15 | 16 | 14 | 12 | 10 | | | | 10 |
| 10 | 45 | 33 | 26 | 21 | 41 | 30 | 24 | 20 | 25 | 20 | 17 | 20 | 16 | 14 | 15 | 13 | 11 | 9 | | | | 9 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|------|------|------|------|
| 0° | 9367 | 9367 | 9367 | 9367 |
| 5° | 9433 | 9455 | 9433 | 7435 |
| 10° | 9367 | 9314 | 9367 | 6659 |
| 15° | 9262 | 9112 | 9262 | 7609 |
| 20° | 9064 | 8873 | 9064 | 7625 |
| 25° | 8664 | 8524 | 8664 | 7463 |
| 30° | 8148 | 8235 | 8148 | 7109 |
| 35° | 7261 | 7869 | 7261 | 6719 |
| 40° | 6046 | 7438 | 6046 | 6424 |
| 45° | 5399 | 6933 | 5399 | 6085 |
| 50° | 5732 | 6332 | 5732 | 5745 |
| 55° | 5387 | 5683 | 5387 | 5548 |
| 60° | 5547 | 4827 | 5547 | 5082 |
| 65° | 5021 | 3990 | 5021 | 4460 |
| 70° | 3468 | 3180 | 3468 | 3738 |
| 75° | 3031 | 2351 | 3031 | 2815 |
| 80° | 2425 | 1554 | 2425 | 1692 |
| 85° | 1365 | 823 | 1365 | 700 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 8280 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 136.7 | 1.2 |
| 10°-20° | 388.1 | 3.5 |
| 20°-30° | 599.9 | 5.4 |
| 30°-40° | 716.1 | 6.5 |
| 40°-50° | 720.3 | 6.5 |
| 50°-60° | 626.8 | 5.6 |
| 60°-70° | 444.4 | 4.0 |
| 70°-80° | 235.1 | 2.1 |
| 80°-90° | 62.8 | 0.6 |
| 90°-100° | 538.7 | 4.9 |
| 100°-110° | 1416.2 | 12.8 |
| 110°-120° | 1468.5 | 13.2 |
| 120°-130° | 1177.9 | 10.6 |
| 130°-140° | 924.2 | 8.3 |
| 140°-150° | 709.4 | 6.4 |
| 150°-160° | 510.9 | 4.6 |
| 160°-170° | 312.6 | 2.8 |
| 170°-180° | 105.6 | 1.0 |
| 0°-30° | 1124.6 | 10.1 |
| 0°-40° | 1840.8 | 16.6 |
| 0°-60° | 3187.9 | 28.7 |
| 0°-90° | 3930.1 | 35.4 |
| 90°-120° | 3423.4 | 30.9 |
| 90°-150° | 6234.9 | 56.2 |
| 90°-180° | 7164.0 | 64.6 |
| 0°-180° | 11094.1 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1514 | 1514 | 1514 | 1514 | 1514 | |
| 5° | 1521 | 1569 | 1521 | 1233 | 1521 | 144 |
| 15° | 1453 | 1554 | 1453 | 1298 | 1453 | 409 |
| 25° | 1279 | 1450 | 1279 | 1269 | 1279 | 587 |
| 35° | 973 | 1294 | 973 | 1104 | 973 | 602 |
| 45° | 627 | 1066 | 627 | 935 | 627 | 503 |
| 55° | 511 | 786 | 511 | 768 | 511 | 470 |
| 65° | 355 | 474 | 355 | 530 | 355 | 340 |
| 75° | 135 | 225 | 135 | 269 | 135 | 142 |
| 85° | 23 | 57 | 23 | 49 | 23 | 31 |
| 90° | 7 | 28 | 7 | 28 | 7 | 7 |
| 95° | 71 | 326 | 71 | 326 | 71 | 79 |
| 105° | 255 | 2218 | 255 | 2218 | 255 | 271 |
| 115° | 453 | 2855 | 453 | 2855 | 453 | 448 |
| 125° | 630 | 2274 | 630 | 2274 | 630 | 560 |
| 135° | 751 | 1764 | 751 | 1764 | 751 | 581 |
| 145° | 871 | 1431 | 871 | 1431 | 871 | 546 |
| 155° | 985 | 1233 | 985 | 1233 | 985 | 453 |
| 165° | 1063 | 1148 | 1063 | 1148 | 1063 | 300 |
| 175° | 1105 | 1113 | 1105 | 1113 | 1105 | 105 |
| 180° | 1105 | 1105 | 1105 | 1105 | 1105 | |



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 CATALOG NUMBER: SQ4-FA-125U-075D-B40-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1514.2 | 1514.2 | 1514.2 | 1514.2 | 1514.2 | 1514.2 | 1514.2 | 1514.2 | 1514.2 | 1514.2 | 1514.2 |
| 2.5° | 1527.0 | 1527.0 | 1535.6 | 1538.5 | 1538.5 | 1534.2 | 1529.9 | 1534.2 | 1547.1 | 1551.4 | 1550.0 |
| 5° | 1521.3 | 1532.8 | 1548.5 | 1551.4 | 1554.3 | 1552.8 | 1550.0 | 1552.8 | 1567.2 | 1570.0 | 1571.5 |
| 7.5° | 1509.9 | 1531.3 | 1551.4 | 1555.7 | 1560.0 | 1555.7 | 1554.3 | 1557.1 | 1571.5 | 1574.3 | 1574.3 |
| 10° | 1495.5 | 1525.6 | 1548.5 | 1551.4 | 1555.7 | 1551.4 | 1551.4 | 1557.1 | 1571.5 | 1574.3 | 1575.8 |
| 12.5° | 1475.5 | 1517.0 | 1538.5 | 1541.4 | 1547.1 | 1545.7 | 1544.2 | 1550.0 | 1564.3 | 1567.2 | 1567.2 |
| 15° | 1452.6 | 1501.3 | 1521.3 | 1524.2 | 1534.2 | 1531.3 | 1531.3 | 1537.1 | 1552.8 | 1557.1 | 1555.7 |
| 17.5° | 1421.0 | 1481.2 | 1504.1 | 1508.4 | 1515.6 | 1514.2 | 1515.6 | 1521.3 | 1535.6 | 1538.5 | 1539.9 |
| 20° | 1385.2 | 1454.0 | 1481.2 | 1485.5 | 1492.7 | 1492.7 | 1492.7 | 1499.8 | 1514.2 | 1519.9 | 1519.9 |
| 22.5° | 1336.5 | 1425.3 | 1454.0 | 1456.9 | 1465.4 | 1465.4 | 1468.3 | 1478.3 | 1491.2 | 1492.7 | 1492.7 |
| 25° | 1279.2 | 1393.8 | 1418.2 | 1426.8 | 1435.4 | 1439.7 | 1444.0 | 1449.7 | 1454.0 | 1452.6 | 1454.0 |
| 27.5° | 1219.1 | 1353.7 | 1385.2 | 1391.0 | 1402.4 | 1406.7 | 1412.4 | 1413.9 | 1415.3 | 1419.6 | 1416.7 |
| 30° | 1151.7 | 1297.8 | 1345.1 | 1350.8 | 1369.5 | 1372.3 | 1366.6 | 1369.5 | 1376.6 | 1379.5 | 1382.4 |
| 32.5° | 1075.8 | 1214.8 | 1303.6 | 1316.5 | 1333.7 | 1325.1 | 1323.6 | 1327.9 | 1339.4 | 1339.4 | 1342.3 |
| 35° | 972.7 | 1150.3 | 1264.9 | 1276.4 | 1289.2 | 1279.2 | 1285.0 | 1286.4 | 1293.5 | 1297.8 | 1296.4 |
| 37.5° | 859.5 | 1094.4 | 1224.8 | 1233.4 | 1243.4 | 1230.5 | 1239.1 | 1243.4 | 1249.1 | 1246.3 | 1246.3 |
| 40° | 759.2 | 1007.0 | 1177.5 | 1183.2 | 1191.8 | 1181.8 | 1190.4 | 1193.3 | 1196.1 | 1193.3 | 1191.8 |
| 42.5° | 684.7 | 911.1 | 1127.4 | 1134.5 | 1128.8 | 1136.0 | 1138.8 | 1144.6 | 1140.3 | 1134.5 | 1134.5 |
| 45° | 627.4 | 885.3 | 1072.9 | 1081.5 | 1072.9 | 1084.4 | 1088.7 | 1088.7 | 1075.8 | 1072.9 | 1071.5 |
| 47.5° | 608.8 | 833.7 | 1018.5 | 1018.5 | 1014.2 | 1028.5 | 1035.7 | 1025.7 | 1012.8 | 1008.5 | 1008.5 |
| 50° | 607.4 | 776.4 | 944.0 | 938.3 | 958.3 | 975.5 | 968.4 | 958.3 | 948.3 | 932.6 | 932.6 |
| 52.5° | 551.5 | 706.2 | 848.0 | 869.5 | 901.0 | 911.1 | 899.6 | 889.6 | 872.4 | 865.2 | 859.5 |
| 55° | 511.4 | 633.2 | 760.7 | 803.6 | 836.6 | 849.5 | 828.0 | 818.0 | 792.2 | 787.9 | 785.0 |
| 57.5° | 502.8 | 527.2 | 680.4 | 734.9 | 775.0 | 773.6 | 760.7 | 742.0 | 720.5 | 716.2 | 714.8 |
| 60° | 461.3 | 381.0 | 594.5 | 658.9 | 700.5 | 696.2 | 684.7 | 667.5 | 647.5 | 644.6 | 641.8 |
| 62.5° | 418.3 | 276.5 | 497.1 | 570.1 | 628.9 | 627.4 | 617.4 | 591.6 | 577.3 | 570.1 | 564.4 |
| 65° | 355.3 | 232.1 | 353.8 | 474.2 | 558.7 | 561.5 | 540.1 | 521.4 | 505.7 | 497.1 | 495.6 |
| 67.5° | 270.7 | 189.1 | 239.2 | 395.4 | 491.3 | 488.5 | 461.3 | 452.7 | 432.6 | 428.3 | 419.7 |
| 70° | 200.5 | 126.1 | 166.2 | 320.9 | 425.5 | 418.3 | 396.8 | 386.8 | 368.2 | 358.1 | 352.4 |
| 72.5° | 166.2 | 101.7 | 121.8 | 249.3 | 358.1 | 349.5 | 330.9 | 319.4 | 303.7 | 295.1 | 289.4 |
| 75° | 134.7 | 107.4 | 93.1 | 184.8 | 290.8 | 285.1 | 267.9 | 256.4 | 243.5 | 232.1 | 233.5 |
| 77.5° | 98.8 | 100.3 | 74.5 | 136.1 | 230.6 | 222.0 | 212.0 | 197.7 | 192.0 | 180.5 | 180.5 |
| 80° | 74.5 | 78.8 | 55.9 | 93.1 | 166.2 | 166.2 | 157.6 | 147.5 | 137.5 | 131.8 | 131.8 |
| 82.5° | 50.1 | 50.1 | 41.5 | 58.7 | 113.2 | 108.9 | 103.1 | 100.3 | 94.5 | 91.7 | 91.7 |
| 85° | 22.9 | 28.6 | 25.8 | 35.8 | 61.6 | 64.5 | 64.5 | 61.6 | 60.2 | 57.3 | 58.7 |
| 87.5° | 7.2 | 12.9 | 15.8 | 20.1 | 31.5 | 32.9 | 34.4 | 34.4 | 34.4 | 35.8 | 35.8 |
| 90° | 7.4 | 13.4 | 19.3 | 20.7 | 32.6 | 48.4 | 56.3 | 50.0 | 37.5 | 28.2 | 28.2 |
| 92.5° | 29.7 | 80.1 | 130.5 | 143.2 | 201.2 | 278.7 | 317.4 | 278.2 | 199.8 | 141.0 | 135.3 |
| 95° | 71.2 | 163.5 | 255.7 | 278.9 | 495.2 | 783.7 | 927.9 | 828.0 | 628.2 | 478.4 | 461.4 |
| 97.5° | 123.1 | 204.5 | 285.9 | 306.3 | 667.0 | 1148.0 | 1388.5 | 1325.3 | 1199.1 | 1104.4 | 1072.1 |
| 100° | 163.2 | 237.0 | 310.9 | 329.3 | 729.5 | 1263.3 | 1530.1 | 1534.7 | 1543.9 | 1550.8 | 1512.3 |
| 102.5° | 197.3 | 266.2 | 335.1 | 352.3 | 758.3 | 1299.5 | 1570.1 | 1650.5 | 1811.4 | 1932.1 | 1899.1 |
| 105° | 255.2 | 313.5 | 371.8 | 386.4 | 779.5 | 1303.7 | 1565.7 | 1746.0 | 2106.6 | 2377.1 | 2359.3 |
| 107.5° | 314.5 | 368.8 | 423.3 | 436.8 | 783.5 | 1245.6 | 1476.7 | 1728.3 | 2231.3 | 2608.5 | 2612.8 |
| 110° | 354.5 | 403.6 | 452.7 | 465.0 | 777.5 | 1194.1 | 1402.5 | 1683.7 | 2246.1 | 2667.9 | 2686.3 |



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CANDELA DISTRIBUTION (continued):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 393.8 | 440.6 | 487.4 | 499.2 | 777.8 | 1149.2 | 1335.0 | 1622.7 | 2198.3 | 2630.0 | 2658.3 |
| 115° | 453.1 | 496.3 | 539.6 | 550.4 | 785.0 | 1097.8 | 1254.2 | 1531.4 | 2085.9 | 2501.7 | 2541.1 |
| 117.5° | 511.8 | 551.0 | 590.2 | 600.0 | 799.5 | 1065.5 | 1198.5 | 1448.7 | 1949.2 | 2324.5 | 2368.0 |
| 120° | 545.9 | 582.8 | 619.7 | 629.0 | 811.4 | 1054.6 | 1176.3 | 1404.9 | 1862.1 | 2205.0 | 2247.4 |
| 122.5° | 579.3 | 616.5 | 653.8 | 663.1 | 828.5 | 1049.0 | 1159.3 | 1365.2 | 1776.9 | 2085.6 | 2127.4 |
| 125° | 630.4 | 664.4 | 698.3 | 706.8 | 851.5 | 1044.3 | 1140.7 | 1315.6 | 1665.3 | 1927.7 | 1966.2 |
| 127.5° | 671.9 | 706.2 | 740.5 | 749.1 | 874.5 | 1041.6 | 1125.2 | 1275.3 | 1575.7 | 1800.8 | 1833.3 |
| 130° | 694.2 | 731.1 | 768.0 | 777.3 | 891.2 | 1043.1 | 1119.2 | 1252.9 | 1520.2 | 1720.7 | 1750.7 |
| 132.5° | 717.2 | 754.2 | 791.0 | 800.3 | 904.9 | 1044.3 | 1114.0 | 1233.7 | 1473.0 | 1652.4 | 1679.3 |
| 135° | 751.3 | 784.9 | 818.5 | 826.9 | 919.7 | 1043.3 | 1105.1 | 1205.3 | 1405.8 | 1556.1 | 1579.2 |
| 137.5° | 786.2 | 819.5 | 852.8 | 861.1 | 941.9 | 1049.7 | 1103.6 | 1188.3 | 1357.7 | 1484.8 | 1503.7 |
| 140° | 815.1 | 845.7 | 876.4 | 884.0 | 955.5 | 1050.8 | 1098.4 | 1171.6 | 1318.0 | 1427.7 | 1445.5 |
| 142.5° | 837.3 | 865.7 | 894.1 | 901.1 | 966.9 | 1054.6 | 1098.4 | 1162.7 | 1291.3 | 1387.7 | 1403.0 |
| 145° | 871.4 | 896.2 | 920.9 | 927.1 | 981.7 | 1054.6 | 1091.0 | 1143.6 | 1248.8 | 1327.6 | 1339.2 |
| 147.5° | 905.6 | 929.7 | 953.8 | 959.8 | 1003.5 | 1061.9 | 1091.0 | 1132.3 | 1215.1 | 1277.2 | 1286.8 |
| 150° | 927.9 | 949.7 | 971.3 | 976.8 | 1014.9 | 1065.6 | 1091.0 | 1125.9 | 1195.9 | 1248.3 | 1256.0 |
| 152.5° | 950.8 | 967.3 | 983.8 | 987.9 | 1022.3 | 1068.1 | 1091.0 | 1120.8 | 1180.5 | 1225.3 | 1231.1 |
| 155° | 985.0 | 997.2 | 1009.3 | 1012.4 | 1038.6 | 1073.5 | 1091.0 | 1114.8 | 1162.2 | 1197.9 | 1201.8 |
| 157.5° | 1010.2 | 1022.0 | 1033.9 | 1036.8 | 1054.9 | 1079.0 | 1091.0 | 1109.4 | 1146.4 | 1174.1 | 1176.8 |
| 160° | 1027.2 | 1036.5 | 1045.7 | 1048.0 | 1062.3 | 1081.4 | 1091.0 | 1106.8 | 1138.5 | 1162.2 | 1163.8 |
| 162.5° | 1044.3 | 1051.2 | 1058.1 | 1059.9 | 1070.3 | 1084.1 | 1091.0 | 1104.4 | 1131.0 | 1151.1 | 1152.6 |
| 165° | 1062.8 | 1069.1 | 1075.4 | 1077.0 | 1081.6 | 1087.8 | 1091.0 | 1100.5 | 1119.7 | 1134.1 | 1135.6 |
| 167.5° | 1079.9 | 1082.9 | 1085.8 | 1086.6 | 1090.5 | 1095.8 | 1098.4 | 1104.7 | 1117.3 | 1126.6 | 1127.3 |
| 170° | 1091.0 | 1094.0 | 1096.9 | 1097.7 | 1098.0 | 1098.2 | 1098.4 | 1104.7 | 1117.3 | 1126.6 | 1126.6 |
| 172.5° | 1096.9 | 1097.6 | 1098.2 | 1098.4 | 1098.4 | 1098.4 | 1098.4 | 1103.4 | 1113.2 | 1120.7 | 1120.1 |
| 175° | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1102.9 | 1100.0 | 1098.4 | 1101.6 | 1107.9 | 1112.6 | 1112.6 |
| 177.5° | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1103.4 | 1101.0 | 1099.9 | 1102.4 | 1107.3 | 1111.0 | 1110.4 |
| 180° | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 |



TEST NUMBER: P935603

CATALOG NUMBER: SQ4-FA-125U-075D-B40-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

| | 80° | 90° | 100° | 110° | 112.5° | 120° | 130° | 135° | 140° | 150° | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1514.2 | 1514.2 | 1514.2 | 1514.2 | 1514.2 | 1514.2 | 1514.2 | 1514.2 | 1514.2 | 1514.2 | 1514.2 |
| 2.5° | 1552.8 | 1548.5 | 1552.8 | 1550.0 | 1551.4 | 1547.1 | 1534.2 | 1529.9 | 1534.2 | 1538.5 | 1538.5 |
| 5° | 1571.5 | 1568.6 | 1571.5 | 1571.5 | 1570.0 | 1567.2 | 1552.8 | 1550.0 | 1552.8 | 1554.3 | 1551.4 |
| 7.5° | 1577.2 | 1572.9 | 1577.2 | 1574.3 | 1574.3 | 1571.5 | 1557.1 | 1554.3 | 1555.7 | 1560.0 | 1555.7 |
| 10° | 1577.2 | 1572.9 | 1577.2 | 1575.8 | 1574.3 | 1571.5 | 1557.1 | 1551.4 | 1551.4 | 1555.7 | 1551.4 |
| 12.5° | 1570.0 | 1567.2 | 1570.0 | 1567.2 | 1567.2 | 1564.3 | 1550.0 | 1544.2 | 1545.7 | 1547.1 | 1541.4 |
| 15° | 1558.6 | 1554.3 | 1558.6 | 1555.7 | 1557.1 | 1552.8 | 1537.1 | 1531.3 | 1531.3 | 1534.2 | 1524.2 |
| 17.5° | 1541.4 | 1535.6 | 1541.4 | 1539.9 | 1538.5 | 1535.6 | 1521.3 | 1515.6 | 1514.2 | 1515.6 | 1508.4 |
| 20° | 1521.3 | 1517.0 | 1521.3 | 1519.9 | 1519.9 | 1514.2 | 1499.8 | 1492.7 | 1492.7 | 1492.7 | 1485.5 |
| 22.5° | 1489.8 | 1485.5 | 1489.8 | 1492.7 | 1492.7 | 1491.2 | 1478.3 | 1468.3 | 1465.4 | 1465.4 | 1456.9 |
| 25° | 1454.0 | 1449.7 | 1454.0 | 1454.0 | 1452.6 | 1454.0 | 1449.7 | 1444.0 | 1439.7 | 1435.4 | 1426.8 |
| 27.5° | 1419.6 | 1416.7 | 1419.6 | 1416.7 | 1419.6 | 1415.3 | 1413.9 | 1412.4 | 1406.7 | 1402.4 | 1391.0 |
| 30° | 1385.2 | 1382.4 | 1385.2 | 1382.4 | 1379.5 | 1376.6 | 1369.5 | 1366.6 | 1372.3 | 1369.5 | 1350.8 |
| 32.5° | 1342.3 | 1339.4 | 1342.3 | 1342.3 | 1339.4 | 1339.4 | 1327.9 | 1323.6 | 1325.1 | 1333.7 | 1316.5 |
| 35° | 1297.8 | 1293.5 | 1297.8 | 1296.4 | 1297.8 | 1293.5 | 1286.4 | 1285.0 | 1279.2 | 1289.2 | 1276.4 |
| 37.5° | 1246.3 | 1242.0 | 1246.3 | 1246.3 | 1246.3 | 1249.1 | 1243.4 | 1239.1 | 1230.5 | 1243.4 | 1233.4 |
| 40° | 1193.3 | 1187.5 | 1193.3 | 1191.8 | 1193.3 | 1196.1 | 1193.3 | 1190.4 | 1181.8 | 1191.8 | 1183.2 |
| 42.5° | 1133.1 | 1131.7 | 1133.1 | 1134.5 | 1134.5 | 1140.3 | 1144.6 | 1138.8 | 1136.0 | 1128.8 | 1134.5 |
| 45° | 1068.6 | 1065.8 | 1068.6 | 1071.5 | 1072.9 | 1075.8 | 1088.7 | 1088.7 | 1084.4 | 1072.9 | 1081.5 |
| 47.5° | 999.9 | 992.7 | 999.9 | 1008.5 | 1008.5 | 1012.8 | 1025.7 | 1035.7 | 1028.5 | 1014.2 | 1018.5 |
| 50° | 926.8 | 928.3 | 926.8 | 932.6 | 932.6 | 948.3 | 958.3 | 968.4 | 975.5 | 958.3 | 938.3 |
| 52.5° | 855.2 | 853.8 | 855.2 | 859.5 | 865.2 | 872.4 | 889.6 | 899.6 | 911.1 | 901.0 | 869.5 |
| 55° | 783.6 | 786.4 | 783.6 | 785.0 | 787.9 | 792.2 | 818.0 | 828.0 | 849.5 | 836.6 | 803.6 |
| 57.5° | 712.0 | 707.7 | 712.0 | 714.8 | 716.2 | 720.5 | 742.0 | 760.7 | 773.6 | 775.0 | 734.9 |
| 60° | 628.9 | 623.1 | 628.9 | 641.8 | 644.6 | 647.5 | 667.5 | 684.7 | 696.2 | 700.5 | 658.9 |
| 62.5° | 555.8 | 545.8 | 555.8 | 564.4 | 570.1 | 577.3 | 591.6 | 617.4 | 627.4 | 628.9 | 570.1 |
| 65° | 478.5 | 474.2 | 478.5 | 495.6 | 497.1 | 505.7 | 521.4 | 540.1 | 561.5 | 558.7 | 474.2 |
| 67.5° | 408.3 | 408.3 | 408.3 | 419.7 | 428.3 | 432.6 | 452.7 | 461.3 | 488.5 | 491.3 | 395.4 |
| 70° | 343.8 | 342.4 | 343.8 | 352.4 | 358.1 | 368.2 | 386.8 | 396.8 | 418.3 | 425.5 | 320.9 |
| 72.5° | 282.2 | 280.8 | 282.2 | 289.4 | 295.1 | 303.7 | 319.4 | 330.9 | 349.5 | 358.1 | 249.3 |
| 75° | 227.8 | 224.9 | 227.8 | 233.5 | 232.1 | 243.5 | 256.4 | 267.9 | 285.1 | 290.8 | 184.8 |
| 77.5° | 174.8 | 174.8 | 174.8 | 180.5 | 180.5 | 192.0 | 197.7 | 212.0 | 222.0 | 230.6 | 136.1 |
| 80° | 130.4 | 128.9 | 130.4 | 131.8 | 131.8 | 137.5 | 147.5 | 157.6 | 166.2 | 166.2 | 93.1 |
| 82.5° | 91.7 | 88.8 | 91.7 | 91.7 | 91.7 | 94.5 | 100.3 | 103.1 | 108.9 | 113.2 | 58.7 |
| 85° | 57.3 | 57.3 | 57.3 | 58.7 | 57.3 | 60.2 | 61.6 | 64.5 | 64.5 | 61.6 | 35.8 |
| 87.5° | 37.2 | 35.8 | 37.2 | 35.8 | 35.8 | 34.4 | 34.4 | 34.4 | 32.9 | 31.5 | 20.1 |
| 90° | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 37.5 | 50.0 | 56.3 | 48.4 | 32.6 | 20.7 |
| 92.5° | 112.9 | 90.4 | 112.9 | 135.3 | 141.0 | 199.8 | 278.2 | 317.4 | 278.7 | 201.2 | 143.2 |
| 95° | 393.5 | 325.6 | 393.5 | 461.4 | 478.4 | 628.2 | 828.0 | 927.9 | 783.7 | 495.2 | 278.9 |
| 97.5° | 942.9 | 813.7 | 942.9 | 1072.1 | 1104.4 | 1199.1 | 1325.3 | 1388.5 | 1148.0 | 667.0 | 306.3 |
| 100° | 1358.5 | 1204.5 | 1358.5 | 1512.3 | 1550.8 | 1543.9 | 1534.7 | 1530.1 | 1263.3 | 729.5 | 329.3 |
| 102.5° | 1767.2 | 1635.4 | 1767.2 | 1899.1 | 1932.1 | 1811.4 | 1650.5 | 1570.1 | 1299.5 | 758.3 | 352.3 |
| 105° | 2288.5 | 2217.6 | 2288.5 | 2359.3 | 2377.1 | 2106.6 | 1746.0 | 1565.7 | 1303.7 | 779.5 | 386.4 |
| 107.5° | 2629.9 | 2647.1 | 2629.9 | 2612.8 | 2608.5 | 2231.3 | 1728.3 | 1476.7 | 1245.6 | 783.5 | 436.8 |
| 110° | 2760.1 | 2834.0 | 2760.1 | 2686.3 | 2667.9 | 2246.1 | 1683.7 | 1402.5 | 1194.1 | 777.5 | 465.0 |



TEST NUMBER: P935603

CATALOG NUMBER: SQ4-FA-125U-075D-B40-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

| | 80° | 90° | 100° | 110° | 112.5° | 120° | 130° | 135° | 140° | 150° | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 2771.7 | 2885.2 | 2771.7 | 2658.3 | 2630.0 | 2198.3 | 1622.7 | 1335.0 | 1149.2 | 777.8 | 499.2 |
| 115° | 2698.3 | 2855.4 | 2698.3 | 2541.1 | 2501.7 | 2085.9 | 1531.4 | 1254.2 | 1097.8 | 785.0 | 550.4 |
| 117.5° | 2542.4 | 2716.8 | 2542.4 | 2368.0 | 2324.5 | 1949.2 | 1448.7 | 1198.5 | 1065.5 | 799.5 | 600.0 |
| 120° | 2416.8 | 2586.2 | 2416.8 | 2247.4 | 2205.0 | 1862.1 | 1404.9 | 1176.3 | 1054.6 | 811.4 | 629.0 |
| 122.5° | 2294.5 | 2461.6 | 2294.5 | 2127.4 | 2085.6 | 1776.9 | 1365.2 | 1159.3 | 1049.0 | 828.5 | 663.1 |
| 125° | 2120.1 | 2274.0 | 2120.1 | 1966.2 | 1927.7 | 1665.3 | 1315.6 | 1140.7 | 1044.3 | 851.5 | 706.8 |
| 127.5° | 1963.2 | 2093.1 | 1963.2 | 1833.3 | 1800.8 | 1575.7 | 1275.3 | 1125.2 | 1041.6 | 874.5 | 749.1 |
| 130° | 1870.7 | 1990.7 | 1870.7 | 1750.7 | 1720.7 | 1520.2 | 1252.9 | 1119.2 | 1043.1 | 891.2 | 777.3 |
| 132.5° | 1786.8 | 1894.2 | 1786.8 | 1679.3 | 1652.4 | 1473.0 | 1233.7 | 1114.0 | 1044.3 | 904.9 | 800.3 |
| 135° | 1671.8 | 1764.5 | 1671.8 | 1579.2 | 1556.1 | 1405.8 | 1205.3 | 1105.1 | 1043.3 | 919.7 | 826.9 |
| 137.5° | 1579.6 | 1655.4 | 1579.6 | 1503.7 | 1484.8 | 1357.7 | 1188.3 | 1103.6 | 1049.7 | 941.9 | 861.1 |
| 140° | 1516.3 | 1587.2 | 1516.3 | 1445.5 | 1427.7 | 1318.0 | 1171.6 | 1098.4 | 1050.8 | 955.5 | 884.0 |
| 142.5° | 1463.9 | 1524.9 | 1463.9 | 1403.0 | 1387.7 | 1291.3 | 1162.7 | 1098.4 | 1054.6 | 966.9 | 901.1 |
| 145° | 1385.3 | 1431.4 | 1385.3 | 1339.2 | 1327.6 | 1248.8 | 1143.6 | 1091.0 | 1054.6 | 981.7 | 927.1 |
| 147.5° | 1325.1 | 1363.3 | 1325.1 | 1286.8 | 1277.2 | 1215.1 | 1132.3 | 1091.0 | 1061.9 | 1003.5 | 959.8 |
| 150° | 1287.1 | 1318.0 | 1287.1 | 1256.0 | 1248.3 | 1195.9 | 1125.9 | 1091.0 | 1065.6 | 1014.9 | 976.8 |
| 152.5° | 1254.5 | 1277.9 | 1254.5 | 1231.1 | 1225.3 | 1180.5 | 1120.8 | 1091.0 | 1068.1 | 1022.3 | 987.9 |
| 155° | 1217.2 | 1232.7 | 1217.2 | 1201.8 | 1197.9 | 1162.2 | 1114.8 | 1091.0 | 1073.5 | 1038.6 | 1012.4 |
| 157.5° | 1187.6 | 1198.5 | 1187.6 | 1176.8 | 1174.1 | 1146.4 | 1109.4 | 1091.0 | 1079.0 | 1054.9 | 1036.8 |
| 160° | 1170.1 | 1176.3 | 1170.1 | 1163.8 | 1162.2 | 1138.5 | 1106.8 | 1091.0 | 1081.4 | 1062.3 | 1048.0 |
| 162.5° | 1158.5 | 1164.4 | 1158.5 | 1152.6 | 1151.1 | 1131.0 | 1104.4 | 1091.0 | 1084.1 | 1070.3 | 1059.9 |
| 165° | 1141.9 | 1148.1 | 1141.9 | 1135.6 | 1134.1 | 1119.7 | 1100.5 | 1091.0 | 1087.8 | 1081.6 | 1077.0 |
| 167.5° | 1129.9 | 1132.5 | 1129.9 | 1127.3 | 1126.6 | 1117.3 | 1104.7 | 1098.4 | 1095.8 | 1090.5 | 1086.6 |
| 170° | 1126.6 | 1126.6 | 1126.6 | 1126.6 | 1126.6 | 1117.3 | 1104.7 | 1098.4 | 1098.2 | 1098.0 | 1097.7 |
| 172.5° | 1117.8 | 1115.5 | 1117.8 | 1120.1 | 1120.7 | 1113.2 | 1103.4 | 1098.4 | 1098.4 | 1098.4 | 1098.4 |
| 175° | 1112.6 | 1112.6 | 1112.6 | 1112.6 | 1112.6 | 1107.9 | 1101.6 | 1098.4 | 1100.0 | 1102.9 | 1105.1 |
| 177.5° | 1107.8 | 1105.1 | 1107.8 | 1110.4 | 1111.0 | 1107.3 | 1102.4 | 1099.9 | 1101.0 | 1103.4 | 1105.1 |
| 180° | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 |



TEST NUMBER: P935603

CATALOG NUMBER: SQ4-FA-125U-075D-B40-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

| | 160° | 170° | 180° | 190° | 200° | 202.5° | 210° | 220° | 225° | 230° | 240° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1514.2 | 1514.2 | 1514.2 | 1514.2 | 1514.2 | 1514.2 | 1514.2 | 1514.2 | 1514.2 | 1514.2 | 1514.2 |
| 2.5° | 1535.6 | 1527.0 | 1527.0 | 1512.7 | 1507.0 | 1502.7 | 1495.5 | 1474.0 | 1468.3 | 1462.6 | 1471.2 |
| 5° | 1548.5 | 1532.8 | 1521.3 | 1495.5 | 1474.0 | 1465.4 | 1438.2 | 1386.7 | 1352.3 | 1326.5 | 1312.2 |
| 7.5° | 1551.4 | 1531.3 | 1509.9 | 1469.7 | 1418.2 | 1395.3 | 1312.2 | 1217.6 | 1191.8 | 1168.9 | 1154.6 |
| 10° | 1548.5 | 1525.6 | 1495.5 | 1435.4 | 1313.6 | 1273.5 | 1190.4 | 1128.8 | 1113.1 | 1108.8 | 1113.1 |
| 12.5° | 1538.5 | 1517.0 | 1475.5 | 1375.2 | 1204.7 | 1177.5 | 1128.8 | 1093.0 | 1090.1 | 1097.3 | 1136.0 |
| 15° | 1521.3 | 1501.3 | 1452.6 | 1295.0 | 1144.6 | 1124.5 | 1090.1 | 1077.2 | 1093.0 | 1143.1 | 1259.2 |
| 17.5° | 1504.1 | 1481.2 | 1421.0 | 1216.2 | 1098.7 | 1084.4 | 1060.0 | 1085.8 | 1174.6 | 1242.0 | 1280.7 |
| 20° | 1481.2 | 1454.0 | 1385.2 | 1158.9 | 1065.8 | 1052.9 | 1041.4 | 1157.5 | 1224.8 | 1249.1 | 1270.6 |
| 22.5° | 1454.0 | 1425.3 | 1336.5 | 1118.8 | 1031.4 | 1021.4 | 1028.5 | 1197.6 | 1224.8 | 1242.0 | 1260.6 |
| 25° | 1418.2 | 1393.8 | 1279.2 | 1087.3 | 1004.2 | 992.7 | 1019.9 | 1193.3 | 1209.0 | 1213.3 | 1250.6 |
| 27.5° | 1385.2 | 1353.7 | 1219.1 | 1058.6 | 971.2 | 966.9 | 1027.1 | 1174.6 | 1186.1 | 1190.4 | 1230.5 |
| 30° | 1345.1 | 1297.8 | 1151.7 | 1028.5 | 936.9 | 935.4 | 1028.5 | 1151.7 | 1148.9 | 1160.3 | 1200.4 |
| 32.5° | 1303.6 | 1214.8 | 1075.8 | 991.3 | 903.9 | 902.5 | 1018.5 | 1117.4 | 1114.5 | 1130.2 | 1160.3 |
| 35° | 1264.9 | 1150.3 | 972.7 | 948.3 | 862.4 | 863.8 | 994.2 | 1077.2 | 1078.7 | 1093.0 | 1111.6 |
| 37.5° | 1224.8 | 1094.4 | 859.5 | 901.0 | 822.3 | 822.3 | 961.2 | 1040.0 | 1037.1 | 1041.4 | 1067.2 |
| 40° | 1177.5 | 1007.0 | 759.2 | 839.4 | 785.0 | 780.7 | 921.1 | 999.9 | 989.9 | 988.4 | 1024.2 |
| 42.5° | 1127.4 | 911.1 | 684.7 | 757.8 | 742.0 | 736.3 | 872.4 | 951.2 | 932.6 | 936.9 | 982.7 |
| 45° | 1072.9 | 885.3 | 627.4 | 640.3 | 697.6 | 693.3 | 819.4 | 895.3 | 882.4 | 893.9 | 941.2 |
| 47.5° | 1018.5 | 833.7 | 608.8 | 531.5 | 650.4 | 648.9 | 760.7 | 840.9 | 833.7 | 845.2 | 895.3 |
| 50° | 944.0 | 776.4 | 607.4 | 455.5 | 597.4 | 603.1 | 690.5 | 787.9 | 787.9 | 797.9 | 850.9 |
| 52.5° | 848.0 | 706.2 | 551.5 | 412.6 | 535.8 | 552.9 | 628.9 | 742.0 | 744.9 | 754.9 | 802.2 |
| 55° | 760.7 | 633.2 | 511.4 | 379.6 | 462.7 | 499.9 | 568.7 | 694.8 | 700.5 | 710.5 | 753.5 |
| 57.5° | 680.4 | 527.2 | 502.8 | 340.9 | 395.4 | 431.2 | 515.7 | 648.9 | 651.8 | 660.4 | 701.9 |
| 60° | 594.5 | 381.0 | 461.3 | 299.4 | 336.6 | 363.9 | 467.0 | 594.5 | 604.5 | 610.2 | 646.1 |
| 62.5° | 497.1 | 276.5 | 418.3 | 270.7 | 308.0 | 313.7 | 426.9 | 542.9 | 555.8 | 560.1 | 581.6 |
| 65° | 353.8 | 232.1 | 355.3 | 246.4 | 277.9 | 279.3 | 383.9 | 489.9 | 501.4 | 508.5 | 524.3 |
| 67.5° | 239.2 | 189.1 | 270.7 | 223.5 | 255.0 | 256.4 | 342.4 | 428.3 | 444.1 | 449.8 | 459.8 |
| 70° | 166.2 | 126.1 | 200.5 | 199.1 | 229.2 | 232.1 | 298.0 | 372.4 | 386.8 | 391.1 | 396.8 |
| 72.5° | 121.8 | 101.7 | 166.2 | 179.1 | 202.0 | 204.8 | 252.1 | 309.4 | 323.7 | 328.0 | 330.9 |
| 75° | 93.1 | 107.4 | 134.7 | 156.1 | 171.9 | 173.3 | 206.3 | 252.1 | 262.1 | 265.0 | 266.4 |
| 77.5° | 74.5 | 100.3 | 98.8 | 126.1 | 140.4 | 137.5 | 161.9 | 194.8 | 203.4 | 203.4 | 203.4 |
| 80° | 55.9 | 78.8 | 74.5 | 90.2 | 103.1 | 100.3 | 116.0 | 139.0 | 141.8 | 144.7 | 143.2 |
| 82.5° | 41.5 | 50.1 | 50.1 | 57.3 | 68.8 | 65.9 | 77.4 | 90.2 | 90.2 | 90.2 | 93.1 |
| 85° | 25.8 | 28.6 | 22.9 | 30.1 | 38.7 | 37.2 | 43.0 | 48.7 | 50.1 | 50.1 | 47.3 |
| 87.5° | 15.8 | 12.9 | 7.2 | 11.5 | 17.2 | 17.2 | 20.1 | 21.5 | 20.1 | 20.1 | 20.1 |
| 90° | 19.3 | 13.4 | 7.4 | 13.4 | 19.3 | 20.7 | 32.6 | 48.4 | 56.3 | 50.0 | 37.5 |
| 92.5° | 130.5 | 80.1 | 29.7 | 80.1 | 130.5 | 143.2 | 201.2 | 278.7 | 317.4 | 278.2 | 199.8 |
| 95° | 255.7 | 163.5 | 71.2 | 163.5 | 255.7 | 278.9 | 495.2 | 783.7 | 927.9 | 828.0 | 628.2 |
| 97.5° | 285.9 | 204.5 | 123.1 | 204.5 | 285.9 | 306.3 | 667.0 | 1148.0 | 1388.5 | 1325.3 | 1199.1 |
| 100° | 310.9 | 237.0 | 163.2 | 237.0 | 310.9 | 329.3 | 729.5 | 1263.3 | 1530.1 | 1534.7 | 1543.9 |
| 102.5° | 335.1 | 266.2 | 197.3 | 266.2 | 335.1 | 352.3 | 758.3 | 1299.5 | 1570.1 | 1650.5 | 1811.4 |
| 105° | 371.8 | 313.5 | 255.2 | 313.5 | 371.8 | 386.4 | 779.5 | 1303.7 | 1565.7 | 1746.0 | 2106.6 |
| 107.5° | 423.3 | 368.8 | 314.5 | 368.8 | 423.3 | 436.8 | 783.5 | 1245.6 | 1476.7 | 1728.3 | 2231.3 |
| 110° | 452.7 | 403.6 | 354.5 | 403.6 | 452.7 | 465.0 | 777.5 | 1194.1 | 1402.5 | 1683.7 | 2246.1 |



TEST NUMBER: P935603

CATALOG NUMBER: SQ4-FA-125U-075D-B40-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

| | 160° | 170° | 180° | 190° | 200° | 202.5° | 210° | 220° | 225° | 230° | 240° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 487.4 | 440.6 | 393.8 | 440.6 | 487.4 | 499.2 | 777.8 | 1149.2 | 1335.0 | 1622.7 | 2198.3 |
| 115° | 539.6 | 496.3 | 453.1 | 496.3 | 539.6 | 550.4 | 785.0 | 1097.8 | 1254.2 | 1531.4 | 2085.9 |
| 117.5° | 590.2 | 551.0 | 511.8 | 551.0 | 590.2 | 600.0 | 799.5 | 1065.5 | 1198.5 | 1448.7 | 1949.2 |
| 120° | 619.7 | 582.8 | 545.9 | 582.8 | 619.7 | 629.0 | 811.4 | 1054.6 | 1176.3 | 1404.9 | 1862.1 |
| 122.5° | 653.8 | 616.5 | 579.3 | 616.5 | 653.8 | 663.1 | 828.5 | 1049.0 | 1159.3 | 1365.2 | 1776.9 |
| 125° | 698.3 | 664.4 | 630.4 | 664.4 | 698.3 | 706.8 | 851.5 | 1044.3 | 1140.7 | 1315.6 | 1665.3 |
| 127.5° | 740.5 | 706.2 | 671.9 | 706.2 | 740.5 | 749.1 | 874.5 | 1041.6 | 1125.2 | 1275.3 | 1575.7 |
| 130° | 768.0 | 731.1 | 694.2 | 731.1 | 768.0 | 777.3 | 891.2 | 1043.1 | 1119.2 | 1252.9 | 1520.2 |
| 132.5° | 791.0 | 754.2 | 717.2 | 754.2 | 791.0 | 800.3 | 904.9 | 1044.3 | 1114.0 | 1233.7 | 1473.0 |
| 135° | 818.5 | 784.9 | 751.3 | 784.9 | 818.5 | 826.9 | 919.7 | 1043.3 | 1105.1 | 1205.3 | 1405.8 |
| 137.5° | 852.8 | 819.5 | 786.2 | 819.5 | 852.8 | 861.1 | 941.9 | 1049.7 | 1103.6 | 1188.3 | 1357.7 |
| 140° | 876.4 | 845.7 | 815.1 | 845.7 | 876.4 | 884.0 | 955.5 | 1050.8 | 1098.4 | 1171.6 | 1318.0 |
| 142.5° | 894.1 | 865.7 | 837.3 | 865.7 | 894.1 | 901.1 | 966.9 | 1054.6 | 1098.4 | 1162.7 | 1291.3 |
| 145° | 920.9 | 896.2 | 871.4 | 896.2 | 920.9 | 927.1 | 981.7 | 1054.6 | 1091.0 | 1143.6 | 1248.8 |
| 147.5° | 953.8 | 929.7 | 905.6 | 929.7 | 953.8 | 959.8 | 1003.5 | 1061.9 | 1091.0 | 1132.3 | 1215.1 |
| 150° | 971.3 | 949.7 | 927.9 | 949.7 | 971.3 | 976.8 | 1014.9 | 1065.6 | 1091.0 | 1125.9 | 1195.9 |
| 152.5° | 983.8 | 967.3 | 950.8 | 967.3 | 983.8 | 987.9 | 1022.3 | 1068.1 | 1091.0 | 1120.8 | 1180.5 |
| 155° | 1009.3 | 997.2 | 985.0 | 997.2 | 1009.3 | 1012.4 | 1038.6 | 1073.5 | 1091.0 | 1114.8 | 1162.2 |
| 157.5° | 1033.9 | 1022.0 | 1010.2 | 1022.0 | 1033.9 | 1036.8 | 1054.9 | 1079.0 | 1091.0 | 1109.4 | 1146.4 |
| 160° | 1045.7 | 1036.5 | 1027.2 | 1036.5 | 1045.7 | 1048.0 | 1062.3 | 1081.4 | 1091.0 | 1106.8 | 1138.5 |
| 162.5° | 1058.1 | 1051.2 | 1044.3 | 1051.2 | 1058.1 | 1059.9 | 1070.3 | 1084.1 | 1091.0 | 1104.4 | 1131.0 |
| 165° | 1075.4 | 1069.1 | 1062.8 | 1069.1 | 1075.4 | 1077.0 | 1081.6 | 1087.8 | 1091.0 | 1100.5 | 1119.7 |
| 167.5° | 1085.8 | 1082.9 | 1079.9 | 1082.9 | 1085.8 | 1086.6 | 1090.5 | 1095.8 | 1098.4 | 1104.7 | 1117.3 |
| 170° | 1096.9 | 1094.0 | 1091.0 | 1094.0 | 1096.9 | 1097.7 | 1098.0 | 1098.2 | 1098.4 | 1104.7 | 1117.3 |
| 172.5° | 1098.2 | 1097.6 | 1096.9 | 1097.6 | 1098.2 | 1098.4 | 1098.4 | 1098.4 | 1098.4 | 1103.4 | 1113.2 |
| 175° | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1102.9 | 1100.0 | 1098.4 | 1101.6 | 1107.9 |
| 177.5° | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1103.4 | 1101.0 | 1099.9 | 1102.4 | 1107.3 |
| 180° | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 |



TEST NUMBER: P935603
 CATALOG NUMBER: SQ4-FA-125U-075D-B40-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 260° | 270° | 280° | 290° | 292.5° | 300° | 310° | 315° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1514.2 | 1514.2 | 1514.2 | 1514.2 | 1514.2 | 1514.2 | 1514.2 | 1514.2 | 1514.2 | 1514.2 | 1514.2 |
| 2.5° | 1461.1 | 1456.9 | 1462.6 | 1446.8 | 1462.6 | 1456.9 | 1461.1 | 1471.2 | 1462.6 | 1468.3 | 1474.0 |
| 5° | 1282.1 | 1274.9 | 1252.0 | 1233.4 | 1252.0 | 1274.9 | 1282.1 | 1312.2 | 1326.5 | 1352.3 | 1386.7 |
| 7.5° | 1146.0 | 1140.3 | 1134.5 | 1123.1 | 1134.5 | 1140.3 | 1146.0 | 1154.6 | 1168.9 | 1191.8 | 1217.6 |
| 10° | 1115.9 | 1117.4 | 1125.9 | 1124.5 | 1125.9 | 1117.4 | 1115.9 | 1113.1 | 1108.8 | 1113.1 | 1128.8 |
| 12.5° | 1193.3 | 1206.2 | 1253.4 | 1250.6 | 1253.4 | 1206.2 | 1193.3 | 1136.0 | 1097.3 | 1090.1 | 1093.0 |
| 15° | 1282.1 | 1286.4 | 1296.4 | 1297.8 | 1296.4 | 1286.4 | 1282.1 | 1259.2 | 1143.1 | 1093.0 | 1077.2 |
| 17.5° | 1290.7 | 1292.1 | 1299.3 | 1299.3 | 1299.3 | 1292.1 | 1290.7 | 1280.7 | 1242.0 | 1174.6 | 1085.8 |
| 20° | 1283.5 | 1286.4 | 1300.7 | 1303.6 | 1300.7 | 1286.4 | 1283.5 | 1270.6 | 1249.1 | 1224.8 | 1157.5 |
| 22.5° | 1280.7 | 1286.4 | 1297.8 | 1296.4 | 1297.8 | 1286.4 | 1280.7 | 1260.6 | 1242.0 | 1224.8 | 1197.6 |
| 25° | 1266.3 | 1266.3 | 1267.8 | 1269.2 | 1267.8 | 1266.3 | 1266.3 | 1250.6 | 1213.3 | 1209.0 | 1193.3 |
| 27.5° | 1236.2 | 1239.1 | 1247.7 | 1246.3 | 1247.7 | 1239.1 | 1236.2 | 1230.5 | 1190.4 | 1186.1 | 1174.6 |
| 30° | 1209.0 | 1206.2 | 1199.0 | 1193.3 | 1199.0 | 1206.2 | 1209.0 | 1200.4 | 1160.3 | 1148.9 | 1151.7 |
| 32.5° | 1163.2 | 1156.0 | 1148.9 | 1144.6 | 1148.9 | 1156.0 | 1163.2 | 1160.3 | 1130.2 | 1114.5 | 1117.4 |
| 35° | 1108.8 | 1110.2 | 1108.8 | 1104.5 | 1108.8 | 1110.2 | 1108.8 | 1111.6 | 1093.0 | 1078.7 | 1077.2 |
| 37.5° | 1070.1 | 1072.9 | 1071.5 | 1065.8 | 1071.5 | 1072.9 | 1070.1 | 1067.2 | 1041.4 | 1037.1 | 1040.0 |
| 40° | 1030.0 | 1031.4 | 1030.0 | 1025.7 | 1030.0 | 1031.4 | 1030.0 | 1024.2 | 988.4 | 989.9 | 999.9 |
| 42.5° | 991.3 | 989.9 | 985.6 | 982.7 | 985.6 | 989.9 | 991.3 | 982.7 | 936.9 | 932.6 | 951.2 |
| 45° | 946.9 | 948.3 | 939.7 | 935.4 | 939.7 | 948.3 | 946.9 | 941.2 | 893.9 | 882.4 | 895.3 |
| 47.5° | 902.5 | 902.5 | 895.3 | 891.0 | 895.3 | 902.5 | 902.5 | 895.3 | 845.2 | 833.7 | 840.9 |
| 50° | 855.2 | 853.8 | 843.7 | 842.3 | 843.7 | 853.8 | 855.2 | 850.9 | 797.9 | 787.9 | 787.9 |
| 52.5° | 800.8 | 800.8 | 802.2 | 805.1 | 802.2 | 800.8 | 800.8 | 802.2 | 754.9 | 744.9 | 742.0 |
| 55° | 753.5 | 754.9 | 765.0 | 767.8 | 765.0 | 754.9 | 753.5 | 753.5 | 710.5 | 700.5 | 694.8 |
| 57.5° | 704.8 | 704.8 | 712.0 | 712.0 | 712.0 | 704.8 | 704.8 | 701.9 | 660.4 | 651.8 | 648.9 |
| 60° | 648.9 | 651.8 | 657.5 | 656.1 | 657.5 | 651.8 | 648.9 | 646.1 | 610.2 | 604.5 | 594.5 |
| 62.5° | 590.2 | 593.1 | 594.5 | 591.6 | 594.5 | 593.1 | 590.2 | 581.6 | 560.1 | 555.8 | 542.9 |
| 65° | 528.6 | 531.5 | 532.9 | 530.0 | 532.9 | 531.5 | 528.6 | 524.3 | 508.5 | 501.4 | 489.9 |
| 67.5° | 465.6 | 464.1 | 462.7 | 468.4 | 462.7 | 464.1 | 465.6 | 459.8 | 449.8 | 444.1 | 428.3 |
| 70° | 401.1 | 401.1 | 399.7 | 402.5 | 399.7 | 401.1 | 401.1 | 396.8 | 391.1 | 386.8 | 372.4 |
| 72.5° | 332.3 | 330.9 | 336.6 | 332.3 | 336.6 | 330.9 | 332.3 | 330.9 | 328.0 | 323.7 | 309.4 |
| 75° | 265.0 | 267.9 | 265.0 | 269.3 | 265.0 | 267.9 | 265.0 | 266.4 | 265.0 | 262.1 | 252.1 |
| 77.5° | 202.0 | 204.8 | 202.0 | 202.0 | 202.0 | 204.8 | 202.0 | 203.4 | 203.4 | 203.4 | 194.8 |
| 80° | 143.2 | 141.8 | 141.8 | 140.4 | 141.8 | 141.8 | 143.2 | 143.2 | 144.7 | 141.8 | 139.0 |
| 82.5° | 91.7 | 90.2 | 90.2 | 93.1 | 90.2 | 90.2 | 91.7 | 93.1 | 90.2 | 90.2 | 90.2 |
| 85° | 50.1 | 51.6 | 48.7 | 48.7 | 48.7 | 51.6 | 50.1 | 47.3 | 50.1 | 50.1 | 48.7 |
| 87.5° | 18.6 | 17.2 | 17.2 | 17.2 | 17.2 | 17.2 | 18.6 | 20.1 | 20.1 | 20.1 | 21.5 |
| 90° | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 37.5 | 50.0 | 56.3 | 48.4 |
| 92.5° | 141.0 | 135.3 | 112.9 | 90.4 | 112.9 | 135.3 | 141.0 | 199.8 | 278.2 | 317.4 | 278.7 |
| 95° | 478.4 | 461.4 | 393.5 | 325.6 | 393.5 | 461.4 | 478.4 | 628.2 | 828.0 | 927.9 | 783.7 |
| 97.5° | 1104.4 | 1072.1 | 942.9 | 813.7 | 942.9 | 1072.1 | 1104.4 | 1199.1 | 1325.3 | 1388.5 | 1148.0 |
| 100° | 1550.8 | 1512.3 | 1358.5 | 1204.5 | 1358.5 | 1512.3 | 1550.8 | 1543.9 | 1534.7 | 1530.1 | 1263.3 |
| 102.5° | 1932.1 | 1899.1 | 1767.2 | 1635.4 | 1767.2 | 1899.1 | 1932.1 | 1811.4 | 1650.5 | 1570.1 | 1299.5 |
| 105° | 2377.1 | 2359.3 | 2288.5 | 2217.6 | 2288.5 | 2359.3 | 2377.1 | 2106.6 | 1746.0 | 1565.7 | 1303.7 |
| 107.5° | 2608.5 | 2612.8 | 2629.9 | 2647.1 | 2629.9 | 2612.8 | 2608.5 | 2231.3 | 1728.3 | 1476.7 | 1245.6 |
| 110° | 2667.9 | 2686.3 | 2760.1 | 2834.0 | 2760.1 | 2686.3 | 2667.9 | 2246.1 | 1683.7 | 1402.5 | 1194.1 |



TEST NUMBER: P935603

CATALOG NUMBER: SQ4-FA-125U-075D-B40-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 260° | 270° | 280° | 290° | 292.5° | 300° | 310° | 315° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 2630.0 | 2658.3 | 2771.7 | 2885.2 | 2771.7 | 2658.3 | 2630.0 | 2198.3 | 1622.7 | 1335.0 | 1149.2 |
| 115° | 2501.7 | 2541.1 | 2698.3 | 2855.4 | 2698.3 | 2541.1 | 2501.7 | 2085.9 | 1531.4 | 1254.2 | 1097.8 |
| 117.5° | 2324.5 | 2368.0 | 2542.4 | 2716.8 | 2542.4 | 2368.0 | 2324.5 | 1949.2 | 1448.7 | 1198.5 | 1065.5 |
| 120° | 2205.0 | 2247.4 | 2416.8 | 2586.2 | 2416.8 | 2247.4 | 2205.0 | 1862.1 | 1404.9 | 1176.3 | 1054.6 |
| 122.5° | 2085.6 | 2127.4 | 2294.5 | 2461.6 | 2294.5 | 2127.4 | 2085.6 | 1776.9 | 1365.2 | 1159.3 | 1049.0 |
| 125° | 1927.7 | 1966.2 | 2120.1 | 2274.0 | 2120.1 | 1966.2 | 1927.7 | 1665.3 | 1315.6 | 1140.7 | 1044.3 |
| 127.5° | 1800.8 | 1833.3 | 1963.2 | 2093.1 | 1963.2 | 1833.3 | 1800.8 | 1575.7 | 1275.3 | 1125.2 | 1041.6 |
| 130° | 1720.7 | 1750.7 | 1870.7 | 1990.7 | 1870.7 | 1750.7 | 1720.7 | 1520.2 | 1252.9 | 1119.2 | 1043.1 |
| 132.5° | 1652.4 | 1679.3 | 1786.8 | 1894.2 | 1786.8 | 1679.3 | 1652.4 | 1473.0 | 1233.7 | 1114.0 | 1044.3 |
| 135° | 1556.1 | 1579.2 | 1671.8 | 1764.5 | 1671.8 | 1579.2 | 1556.1 | 1405.8 | 1205.3 | 1105.1 | 1043.3 |
| 137.5° | 1484.8 | 1503.7 | 1579.6 | 1655.4 | 1579.6 | 1503.7 | 1484.8 | 1357.7 | 1188.3 | 1103.6 | 1049.7 |
| 140° | 1427.7 | 1445.5 | 1516.3 | 1587.2 | 1516.3 | 1445.5 | 1427.7 | 1318.0 | 1171.6 | 1098.4 | 1050.8 |
| 142.5° | 1387.7 | 1403.0 | 1463.9 | 1524.9 | 1463.9 | 1403.0 | 1387.7 | 1291.3 | 1162.7 | 1098.4 | 1054.6 |
| 145° | 1327.6 | 1339.2 | 1385.3 | 1431.4 | 1385.3 | 1339.2 | 1327.6 | 1248.8 | 1143.6 | 1091.0 | 1054.6 |
| 147.5° | 1277.2 | 1286.8 | 1325.1 | 1363.3 | 1325.1 | 1286.8 | 1277.2 | 1215.1 | 1132.3 | 1091.0 | 1061.9 |
| 150° | 1248.3 | 1256.0 | 1287.1 | 1318.0 | 1287.1 | 1256.0 | 1248.3 | 1195.9 | 1125.9 | 1091.0 | 1065.6 |
| 152.5° | 1225.3 | 1231.1 | 1254.5 | 1277.9 | 1254.5 | 1231.1 | 1225.3 | 1180.5 | 1120.8 | 1091.0 | 1068.1 |
| 155° | 1197.9 | 1201.8 | 1217.2 | 1232.7 | 1217.2 | 1201.8 | 1197.9 | 1162.2 | 1114.8 | 1091.0 | 1073.5 |
| 157.5° | 1174.1 | 1176.8 | 1187.6 | 1198.5 | 1187.6 | 1176.8 | 1174.1 | 1146.4 | 1109.4 | 1091.0 | 1079.0 |
| 160° | 1162.2 | 1163.8 | 1170.1 | 1176.3 | 1170.1 | 1163.8 | 1162.2 | 1138.5 | 1106.8 | 1091.0 | 1081.4 |
| 162.5° | 1151.1 | 1152.6 | 1158.5 | 1164.4 | 1158.5 | 1152.6 | 1151.1 | 1131.0 | 1104.4 | 1091.0 | 1084.1 |
| 165° | 1134.1 | 1135.6 | 1141.9 | 1148.1 | 1141.9 | 1135.6 | 1134.1 | 1119.7 | 1100.5 | 1091.0 | 1087.8 |
| 167.5° | 1126.6 | 1127.3 | 1129.9 | 1132.5 | 1129.9 | 1127.3 | 1126.6 | 1117.3 | 1104.7 | 1098.4 | 1095.8 |
| 170° | 1126.6 | 1126.6 | 1126.6 | 1126.6 | 1126.6 | 1126.6 | 1126.6 | 1117.3 | 1104.7 | 1098.4 | 1098.2 |
| 172.5° | 1120.7 | 1120.1 | 1117.8 | 1115.5 | 1117.8 | 1120.1 | 1120.7 | 1113.2 | 1103.4 | 1098.4 | 1098.4 |
| 175° | 1112.6 | 1112.6 | 1112.6 | 1112.6 | 1112.6 | 1112.6 | 1112.6 | 1107.9 | 1101.6 | 1098.4 | 1100.0 |
| 177.5° | 1111.0 | 1110.4 | 1107.8 | 1105.1 | 1107.8 | 1110.4 | 1111.0 | 1107.3 | 1102.4 | 1099.9 | 1101.0 |
| 180° | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 |



TEST NUMBER: P935603

CATALOG NUMBER: SQ4-FA-125U-075D-B40-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

| | 330° | 337.5° | 340° | 350° | 360° |
|--------|--------|--------|--------|--------|--------|
| 0° | 1514.2 | 1514.2 | 1514.2 | 1514.2 | 1514.2 |
| 2.5° | 1495.5 | 1502.7 | 1507.0 | 1512.7 | 1527.0 |
| 5° | 1438.2 | 1465.4 | 1474.0 | 1495.5 | 1521.3 |
| 7.5° | 1312.2 | 1395.3 | 1418.2 | 1469.7 | 1509.9 |
| 10° | 1190.4 | 1273.5 | 1313.6 | 1435.4 | 1495.5 |
| 12.5° | 1128.8 | 1177.5 | 1204.7 | 1375.2 | 1475.5 |
| 15° | 1090.1 | 1124.5 | 1144.6 | 1295.0 | 1452.6 |
| 17.5° | 1060.0 | 1084.4 | 1098.7 | 1216.2 | 1421.0 |
| 20° | 1041.4 | 1052.9 | 1065.8 | 1158.9 | 1385.2 |
| 22.5° | 1028.5 | 1021.4 | 1031.4 | 1118.8 | 1336.5 |
| 25° | 1019.9 | 992.7 | 1004.2 | 1087.3 | 1279.2 |
| 27.5° | 1027.1 | 966.9 | 971.2 | 1058.6 | 1219.1 |
| 30° | 1028.5 | 935.4 | 936.9 | 1028.5 | 1151.7 |
| 32.5° | 1018.5 | 902.5 | 903.9 | 991.3 | 1075.8 |
| 35° | 994.2 | 863.8 | 862.4 | 948.3 | 972.7 |
| 37.5° | 961.2 | 822.3 | 822.3 | 901.0 | 859.5 |
| 40° | 921.1 | 780.7 | 785.0 | 839.4 | 759.2 |
| 42.5° | 872.4 | 736.3 | 742.0 | 757.8 | 684.7 |
| 45° | 819.4 | 693.3 | 697.6 | 640.3 | 627.4 |
| 47.5° | 760.7 | 648.9 | 650.4 | 531.5 | 608.8 |
| 50° | 690.5 | 603.1 | 597.4 | 455.5 | 607.4 |
| 52.5° | 628.9 | 552.9 | 535.8 | 412.6 | 551.5 |
| 55° | 568.7 | 499.9 | 462.7 | 379.6 | 511.4 |
| 57.5° | 515.7 | 431.2 | 395.4 | 340.9 | 502.8 |
| 60° | 467.0 | 363.9 | 336.6 | 299.4 | 461.3 |
| 62.5° | 426.9 | 313.7 | 308.0 | 270.7 | 418.3 |
| 65° | 383.9 | 279.3 | 277.9 | 246.4 | 355.3 |
| 67.5° | 342.4 | 256.4 | 255.0 | 223.5 | 270.7 |
| 70° | 298.0 | 232.1 | 229.2 | 199.1 | 200.5 |
| 72.5° | 252.1 | 204.8 | 202.0 | 179.1 | 166.2 |
| 75° | 206.3 | 173.3 | 171.9 | 156.1 | 134.7 |
| 77.5° | 161.9 | 137.5 | 140.4 | 126.1 | 98.8 |
| 80° | 116.0 | 100.3 | 103.1 | 90.2 | 74.5 |
| 82.5° | 77.4 | 65.9 | 68.8 | 57.3 | 50.1 |
| 85° | 43.0 | 37.2 | 38.7 | 30.1 | 22.9 |
| 87.5° | 20.1 | 17.2 | 17.2 | 11.5 | 7.2 |
| 90° | 32.6 | 20.7 | 19.3 | 13.4 | 7.4 |
| 92.5° | 201.2 | 143.2 | 130.5 | 80.1 | 29.7 |
| 95° | 495.2 | 278.9 | 255.7 | 163.5 | 71.2 |
| 97.5° | 667.0 | 306.3 | 285.9 | 204.5 | 123.1 |
| 100° | 729.5 | 329.3 | 310.9 | 237.0 | 163.2 |
| 102.5° | 758.3 | 352.3 | 335.1 | 266.2 | 197.3 |
| 105° | 779.5 | 386.4 | 371.8 | 313.5 | 255.2 |
| 107.5° | 783.5 | 436.8 | 423.3 | 368.8 | 314.5 |
| 110° | 777.5 | 465.0 | 452.7 | 403.6 | 354.5 |



TEST NUMBER: P935603

CATALOG NUMBER: SQ4-FA-125U-075D-B40-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

| | 330° | 337.5° | 340° | 350° | 360° |
|--------|--------|--------|--------|--------|--------|
| 112.5° | 777.8 | 499.2 | 487.4 | 440.6 | 393.8 |
| 115° | 785.0 | 550.4 | 539.6 | 496.3 | 453.1 |
| 117.5° | 799.5 | 600.0 | 590.2 | 551.0 | 511.8 |
| 120° | 811.4 | 629.0 | 619.7 | 582.8 | 545.9 |
| 122.5° | 828.5 | 663.1 | 653.8 | 616.5 | 579.3 |
| 125° | 851.5 | 706.8 | 698.3 | 664.4 | 630.4 |
| 127.5° | 874.5 | 749.1 | 740.5 | 706.2 | 671.9 |
| 130° | 891.2 | 777.3 | 768.0 | 731.1 | 694.2 |
| 132.5° | 904.9 | 800.3 | 791.0 | 754.2 | 717.2 |
| 135° | 919.7 | 826.9 | 818.5 | 784.9 | 751.3 |
| 137.5° | 941.9 | 861.1 | 852.8 | 819.5 | 786.2 |
| 140° | 955.5 | 884.0 | 876.4 | 845.7 | 815.1 |
| 142.5° | 966.9 | 901.1 | 894.1 | 865.7 | 837.3 |
| 145° | 981.7 | 927.1 | 920.9 | 896.2 | 871.4 |
| 147.5° | 1003.5 | 959.8 | 953.8 | 929.7 | 905.6 |
| 150° | 1014.9 | 976.8 | 971.3 | 949.7 | 927.9 |
| 152.5° | 1022.3 | 987.9 | 983.8 | 967.3 | 950.8 |
| 155° | 1038.6 | 1012.4 | 1009.3 | 997.2 | 985.0 |
| 157.5° | 1054.9 | 1036.8 | 1033.9 | 1022.0 | 1010.2 |
| 160° | 1062.3 | 1048.0 | 1045.7 | 1036.5 | 1027.2 |
| 162.5° | 1070.3 | 1059.9 | 1058.1 | 1051.2 | 1044.3 |
| 165° | 1081.6 | 1077.0 | 1075.4 | 1069.1 | 1062.8 |
| 167.5° | 1090.5 | 1086.6 | 1085.8 | 1082.9 | 1079.9 |
| 170° | 1098.0 | 1097.7 | 1096.9 | 1094.0 | 1091.0 |
| 172.5° | 1098.4 | 1098.4 | 1098.2 | 1097.6 | 1096.9 |
| 175° | 1102.9 | 1105.1 | 1105.1 | 1105.1 | 1105.1 |
| 177.5° | 1103.4 | 1105.1 | 1105.1 | 1105.1 | 1105.1 |
| 180° | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 |



TEST NUMBER: P935603
 CATALOG NUMBER: SQ4-FA-125U-075D-B40-1D-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 | 11.05 | 11.80 | 12.13 | 12.87 | 14.34 | 13.88 | 14.62 | 14.95 | 15.70 | 17.16 |
| | 3H | 11.52 | 12.19 | 12.60 | 13.27 | 14.75 | 15.21 | 15.88 | 16.29 | 16.96 | 18.44 |
| | 4H | 11.71 | 12.34 | 12.80 | 13.42 | 14.91 | 15.65 | 16.28 | 16.74 | 17.37 | 18.86 |
| | 6H | 11.82 | 12.40 | 12.92 | 13.49 | 14.99 | 15.93 | 16.51 | 17.03 | 17.60 | 19.10 |
| | 8H | 11.82 | 12.37 | 12.92 | 13.47 | 14.97 | 16.00 | 16.55 | 17.10 | 17.65 | 19.15 |
| | 12H | 11.78 | 12.31 | 12.90 | 13.41 | 14.93 | 16.03 | 16.56 | 17.14 | 17.65 | 19.17 |
| 4H | 2H | 12.07 | 12.70 | 13.17 | 13.79 | 15.28 | 14.27 | 14.90 | 15.37 | 15.99 | 17.48 |
| | 3H | 13.09 | 13.61 | 14.19 | 14.72 | 16.23 | 15.77 | 16.29 | 16.87 | 17.40 | 18.91 |
| | 4H | 13.36 | 13.84 | 14.47 | 14.94 | 16.46 | 16.29 | 16.77 | 17.40 | 17.87 | 19.39 |
| | 6H | 13.48 | 13.89 | 14.59 | 15.01 | 16.53 | 16.64 | 17.06 | 17.76 | 18.18 | 19.70 |
| | 8H | 13.48 | 13.87 | 14.60 | 14.98 | 16.51 | 16.75 | 17.13 | 17.87 | 18.25 | 19.78 |
| | 12H | 13.44 | 13.79 | 14.58 | 14.92 | 16.46 | 16.80 | 17.15 | 17.93 | 18.28 | 19.81 |
| 8H | 4H | 13.80 | 14.19 | 14.92 | 15.30 | 16.83 | 16.40 | 16.79 | 17.52 | 17.91 | 19.44 |
| | 6H | 14.06 | 14.38 | 15.20 | 15.53 | 17.06 | 16.83 | 17.15 | 17.97 | 18.31 | 19.84 |
| | 8H | 14.10 | 14.38 | 15.24 | 15.52 | 17.06 | 16.98 | 17.26 | 18.13 | 18.40 | 19.95 |
| | 12H | 14.08 | 14.32 | 15.23 | 15.46 | 17.04 | 17.07 | 17.32 | 18.22 | 18.46 | 20.04 |
| 12H | 4H | 13.80 | 14.15 | 14.94 | 15.28 | 16.82 | 16.36 | 16.71 | 17.50 | 17.84 | 19.38 |
| | 6H | 14.12 | 14.40 | 15.26 | 15.53 | 17.08 | 16.83 | 17.11 | 17.98 | 18.25 | 19.80 |
| | 8H | 14.18 | 14.42 | 15.33 | 15.56 | 17.14 | 16.98 | 17.23 | 18.13 | 18.36 | 19.95 |