

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: P935774

Luminaire Tested: SQ4-FA-125U-125D-940-1D-UNV-STD-W-4

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935774
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-940-1D-UNV-STD-W-4
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

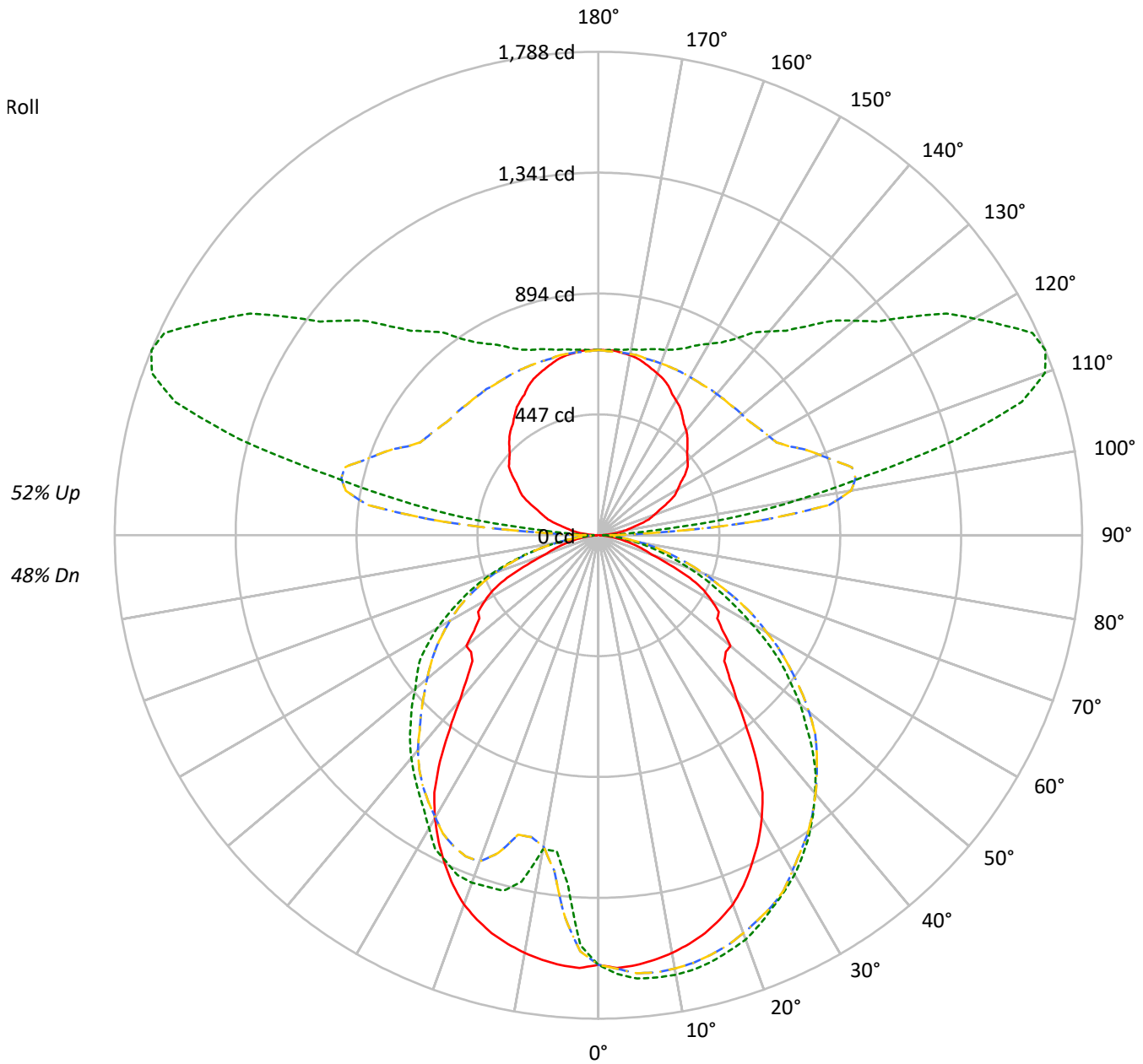
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8562.1 lumens
Efficiency: N/A
Efficacy: 113.9 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: P935774
CATALOG NUMBER: SQ4-FA-125U-125D-940-1D-UNV-STD-W-4

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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 12 | 12 | 12 | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 14740 | 14740 | 14740 | 14740 |
| 5° | 14833 | 14879 | 14833 | 11699 |
| 10° | 14718 | 14657 | 14718 | 10478 |
| 15° | 14541 | 14339 | 14541 | 11973 |
| 20° | 14221 | 13963 | 14221 | 11998 |
| 25° | 13581 | 13414 | 13581 | 11744 |
| 30° | 12761 | 12959 | 12761 | 11186 |
| 35° | 11360 | 12382 | 11360 | 10573 |
| 40° | 9449 | 11704 | 9449 | 10109 |
| 45° | 8427 | 10910 | 8427 | 9576 |
| 50° | 8931 | 9963 | 8931 | 9040 |
| 55° | 8380 | 8943 | 8380 | 8731 |
| 60° | 8608 | 7595 | 8608 | 7997 |
| 65° | 7767 | 6280 | 7767 | 7019 |
| 70° | 5341 | 5004 | 5341 | 5882 |
| 75° | 4634 | 3698 | 4634 | 4430 |
| 80° | 3655 | 2444 | 3655 | 2661 |
| 85° | 1996 | 1295 | 1996 | 1101 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 12940 cd/sqm



TEST NUMBER: P935774

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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 143.4 | 1.7 |
| 10°-20° | 407.1 | 4.8 |
| 20°-30° | 629.3 | 7.4 |
| 30°-40° | 751.3 | 8.8 |
| 40°-50° | 755.7 | 8.8 |
| 50°-60° | 657.5 | 7.7 |
| 60°-70° | 466.2 | 5.4 |
| 70°-80° | 246.6 | 2.9 |
| 80°-90° | 64.0 | 0.7 |
| 90°-100° | 333.9 | 3.9 |
| 100°-110° | 877.9 | 10.3 |
| 110°-120° | 910.3 | 10.6 |
| 120°-130° | 730.2 | 8.5 |
| 130°-140° | 572.9 | 6.7 |
| 140°-150° | 439.7 | 5.1 |
| 150°-160° | 316.7 | 3.7 |
| 160°-170° | 193.8 | 2.3 |
| 170°-180° | 65.5 | 0.8 |
| 0°-30° | 1179.8 | 13.8 |
| 0°-40° | 1931.1 | 22.6 |
| 0°-60° | 3344.3 | 39.1 |
| 0°-90° | 4121.2 | 48.1 |
| 90°-120° | 2122.2 | 24.8 |
| 90°-150° | 3865.0 | 45.1 |
| 90°-180° | 4441.0 | 51.9 |
| 0°-180° | 8562.1 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1588 | 1588 | 1588 | 1588 | 1588 | |
| 5° | 1596 | 1646 | 1596 | 1294 | 1596 | 151 |
| 15° | 1524 | 1630 | 1524 | 1362 | 1524 | 429 |
| 25° | 1342 | 1521 | 1342 | 1332 | 1342 | 616 |
| 35° | 1020 | 1357 | 1020 | 1159 | 1020 | 631 |
| 45° | 658 | 1118 | 658 | 981 | 658 | 527 |
| 55° | 536 | 825 | 536 | 806 | 536 | 493 |
| 65° | 373 | 498 | 373 | 556 | 373 | 356 |
| 75° | 141 | 236 | 141 | 283 | 141 | 149 |
| 85° | 24 | 60 | 24 | 51 | 24 | 32 |
| 90° | 5 | 18 | 5 | 18 | 5 | 5 |
| 95° | 44 | 202 | 44 | 202 | 44 | 49 |
| 105° | 158 | 1375 | 158 | 1375 | 158 | 168 |
| 115° | 281 | 1770 | 281 | 1770 | 281 | 277 |
| 125° | 391 | 1410 | 391 | 1410 | 391 | 347 |
| 135° | 466 | 1094 | 466 | 1094 | 466 | 360 |
| 145° | 540 | 887 | 540 | 887 | 540 | 338 |
| 155° | 611 | 764 | 611 | 764 | 611 | 281 |
| 165° | 659 | 712 | 659 | 712 | 659 | 186 |
| 175° | 685 | 690 | 685 | 690 | 685 | 65 |
| 180° | 685 | 685 | 685 | 685 | 685 | |



TEST NUMBER: P935774

CATALOG NUMBER: SQ4-FA-125U-125D-940-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1588.5 | 1588.5 | 1588.5 | 1588.5 | 1588.5 | 1588.5 | 1588.5 | 1588.5 | 1588.5 | 1588.5 | 1588.5 |
| 2.5° | 1602.0 | 1602.0 | 1611.0 | 1614.0 | 1614.0 | 1609.5 | 1605.0 | 1609.5 | 1623.0 | 1627.5 | 1626.0 |
| 5° | 1595.9 | 1608.0 | 1624.5 | 1627.5 | 1630.5 | 1629.0 | 1626.0 | 1629.0 | 1644.0 | 1647.1 | 1648.6 |
| 7.5° | 1583.9 | 1606.5 | 1627.5 | 1632.1 | 1636.5 | 1632.1 | 1630.5 | 1633.6 | 1648.6 | 1651.6 | 1651.6 |
| 10° | 1568.9 | 1600.4 | 1624.5 | 1627.5 | 1632.1 | 1627.5 | 1627.5 | 1633.6 | 1648.6 | 1651.6 | 1653.1 |
| 12.5° | 1547.9 | 1591.5 | 1614.0 | 1617.0 | 1623.0 | 1621.5 | 1620.0 | 1626.0 | 1641.0 | 1644.0 | 1644.0 |
| 15° | 1523.8 | 1575.0 | 1595.9 | 1598.9 | 1609.5 | 1606.5 | 1606.5 | 1612.5 | 1629.0 | 1633.6 | 1632.1 |
| 17.5° | 1490.8 | 1553.9 | 1577.9 | 1582.4 | 1590.0 | 1588.5 | 1590.0 | 1595.9 | 1611.0 | 1614.0 | 1615.4 |
| 20° | 1453.2 | 1525.3 | 1553.9 | 1558.4 | 1565.9 | 1565.9 | 1565.9 | 1573.4 | 1588.5 | 1594.5 | 1594.5 |
| 22.5° | 1402.1 | 1495.3 | 1525.3 | 1528.3 | 1537.3 | 1537.3 | 1540.3 | 1550.9 | 1564.4 | 1565.9 | 1565.9 |
| 25° | 1341.9 | 1462.2 | 1487.8 | 1496.8 | 1505.8 | 1510.3 | 1514.8 | 1520.8 | 1525.3 | 1523.8 | 1525.3 |
| 27.5° | 1278.9 | 1420.1 | 1453.2 | 1459.2 | 1471.2 | 1475.8 | 1481.7 | 1483.2 | 1484.7 | 1489.3 | 1486.2 |
| 30° | 1208.2 | 1361.5 | 1411.1 | 1417.2 | 1436.7 | 1439.6 | 1433.7 | 1436.7 | 1444.2 | 1447.2 | 1450.2 |
| 32.5° | 1128.6 | 1274.4 | 1367.5 | 1381.0 | 1399.1 | 1390.1 | 1388.6 | 1393.1 | 1405.1 | 1405.1 | 1408.1 |
| 35° | 1020.4 | 1206.7 | 1326.9 | 1339.0 | 1352.5 | 1341.9 | 1348.0 | 1349.5 | 1357.0 | 1361.5 | 1360.1 |
| 37.5° | 901.7 | 1148.1 | 1284.8 | 1293.9 | 1304.4 | 1290.9 | 1299.9 | 1304.4 | 1310.4 | 1307.4 | 1307.4 |
| 40° | 796.4 | 1056.5 | 1235.3 | 1241.3 | 1250.3 | 1239.8 | 1248.8 | 1251.8 | 1254.8 | 1251.8 | 1250.3 |
| 42.5° | 718.3 | 955.8 | 1182.7 | 1190.2 | 1184.1 | 1191.7 | 1194.7 | 1200.8 | 1196.2 | 1190.2 | 1190.2 |
| 45° | 658.2 | 928.8 | 1125.5 | 1134.6 | 1125.5 | 1137.6 | 1142.1 | 1142.1 | 1128.6 | 1125.5 | 1124.1 |
| 47.5° | 638.6 | 874.6 | 1068.4 | 1068.4 | 1064.0 | 1079.0 | 1086.5 | 1076.0 | 1062.5 | 1058.0 | 1058.0 |
| 50° | 637.1 | 814.5 | 990.3 | 984.3 | 1005.4 | 1023.4 | 1015.9 | 1005.4 | 994.8 | 978.3 | 978.3 |
| 52.5° | 578.5 | 740.9 | 889.7 | 912.2 | 945.3 | 955.8 | 943.8 | 933.2 | 915.2 | 907.7 | 901.7 |
| 55° | 536.5 | 664.2 | 798.0 | 843.1 | 877.6 | 891.1 | 868.6 | 858.1 | 831.1 | 826.6 | 823.5 |
| 57.5° | 527.5 | 553.0 | 713.9 | 771.0 | 813.0 | 811.5 | 798.0 | 778.4 | 755.9 | 751.4 | 749.9 |
| 60° | 483.9 | 399.8 | 623.6 | 691.3 | 734.8 | 730.4 | 718.3 | 700.3 | 679.2 | 676.2 | 673.3 |
| 62.5° | 438.8 | 290.0 | 521.4 | 598.1 | 659.7 | 658.2 | 647.7 | 620.6 | 605.6 | 598.1 | 592.1 |
| 65° | 372.7 | 243.5 | 371.2 | 497.5 | 586.1 | 589.1 | 566.5 | 547.0 | 530.5 | 521.4 | 519.9 |
| 67.5° | 284.0 | 198.4 | 250.9 | 414.8 | 515.5 | 512.5 | 483.9 | 474.9 | 453.9 | 449.3 | 440.4 |
| 70° | 210.4 | 132.2 | 174.3 | 336.6 | 446.3 | 438.8 | 416.3 | 405.7 | 386.2 | 375.7 | 369.7 |
| 72.5° | 174.3 | 106.7 | 127.7 | 261.5 | 375.7 | 366.7 | 347.1 | 335.1 | 318.6 | 309.6 | 303.5 |
| 75° | 141.3 | 112.7 | 97.7 | 193.9 | 305.0 | 299.1 | 281.1 | 269.0 | 255.5 | 243.5 | 244.9 |
| 77.5° | 103.7 | 105.2 | 78.1 | 142.8 | 242.0 | 232.9 | 222.4 | 207.3 | 201.4 | 189.3 | 189.3 |
| 80° | 78.1 | 82.7 | 58.6 | 97.7 | 174.3 | 174.3 | 165.3 | 154.8 | 144.3 | 138.3 | 138.3 |
| 82.5° | 52.6 | 52.6 | 43.6 | 61.6 | 118.7 | 114.2 | 108.2 | 105.2 | 99.2 | 96.2 | 96.2 |
| 85° | 24.1 | 30.0 | 27.1 | 37.6 | 64.6 | 67.7 | 67.7 | 64.6 | 63.1 | 60.1 | 61.6 |
| 87.5° | 7.5 | 13.5 | 16.5 | 21.0 | 33.0 | 34.5 | 36.1 | 36.1 | 36.1 | 37.6 | 37.6 |
| 90° | 4.6 | 8.3 | 12.0 | 12.9 | 20.2 | 30.0 | 34.9 | 31.0 | 23.3 | 17.5 | 17.5 |
| 92.5° | 18.4 | 49.6 | 80.9 | 88.7 | 124.8 | 172.8 | 196.8 | 172.4 | 123.9 | 87.4 | 83.9 |
| 95° | 44.1 | 101.3 | 158.6 | 172.9 | 307.0 | 485.7 | 575.2 | 513.3 | 389.5 | 296.6 | 286.0 |
| 97.5° | 76.3 | 126.7 | 177.2 | 189.9 | 413.5 | 711.6 | 860.6 | 821.5 | 743.3 | 684.6 | 664.6 |
| 100° | 101.1 | 147.0 | 192.7 | 204.2 | 452.3 | 783.0 | 948.5 | 951.3 | 957.1 | 961.3 | 937.5 |
| 102.5° | 122.3 | 165.0 | 207.7 | 218.4 | 470.0 | 805.6 | 973.3 | 1023.2 | 1123.0 | 1197.7 | 1177.3 |
| 105° | 158.2 | 194.4 | 230.5 | 239.6 | 483.2 | 808.2 | 970.6 | 1082.4 | 1305.9 | 1473.5 | 1462.5 |
| 107.5° | 194.9 | 228.7 | 262.4 | 270.8 | 485.7 | 772.2 | 915.4 | 1071.4 | 1383.1 | 1617.0 | 1619.6 |
| 110° | 219.8 | 250.2 | 280.6 | 288.2 | 482.0 | 740.3 | 869.4 | 1043.8 | 1392.4 | 1653.8 | 1665.3 |



TEST NUMBER: P935774

CATALOG NUMBER: SQ4-FA-125U-125D-940-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (continued):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|
| 112.5° | 244.1 | 273.1 | 302.1 | 309.4 | 482.1 | 712.4 | 827.6 | 1006.0 | 1362.8 | 1630.4 | 1648.0 |
| 115° | 280.9 | 307.7 | 334.5 | 341.2 | 486.6 | 680.5 | 777.4 | 949.3 | 1293.0 | 1550.8 | 1575.1 |
| 117.5° | 317.3 | 341.6 | 365.9 | 372.0 | 495.7 | 660.6 | 743.0 | 898.0 | 1208.2 | 1440.9 | 1467.9 |
| 120° | 338.4 | 361.3 | 384.2 | 389.9 | 503.1 | 653.8 | 729.2 | 871.0 | 1154.3 | 1366.9 | 1393.2 |
| 122.5° | 359.1 | 382.2 | 405.3 | 411.1 | 513.6 | 650.3 | 718.7 | 846.3 | 1101.5 | 1292.8 | 1318.8 |
| 125° | 390.8 | 411.9 | 432.9 | 438.1 | 527.8 | 647.4 | 707.1 | 815.5 | 1032.3 | 1194.9 | 1218.8 |
| 127.5° | 416.6 | 437.8 | 459.0 | 464.3 | 542.0 | 645.7 | 697.4 | 790.5 | 976.7 | 1116.3 | 1136.5 |
| 130° | 430.3 | 453.2 | 476.1 | 481.8 | 552.5 | 646.7 | 693.8 | 776.6 | 942.3 | 1066.7 | 1085.2 |
| 132.5° | 444.6 | 467.5 | 490.4 | 496.1 | 560.9 | 647.4 | 690.6 | 764.7 | 913.1 | 1024.4 | 1041.0 |
| 135° | 465.8 | 486.6 | 507.4 | 512.6 | 570.1 | 646.7 | 685.1 | 747.3 | 871.5 | 964.6 | 979.0 |
| 137.5° | 487.3 | 507.9 | 528.6 | 533.8 | 583.9 | 650.7 | 684.1 | 736.6 | 841.6 | 920.4 | 932.1 |
| 140° | 505.3 | 524.3 | 543.3 | 548.1 | 592.4 | 651.4 | 680.9 | 726.3 | 817.0 | 885.1 | 896.1 |
| 142.5° | 519.0 | 536.6 | 554.2 | 558.6 | 599.4 | 653.7 | 680.9 | 720.8 | 800.4 | 860.2 | 869.6 |
| 145° | 540.3 | 555.5 | 570.9 | 574.7 | 608.5 | 653.7 | 676.3 | 708.9 | 774.1 | 823.0 | 830.2 |
| 147.5° | 561.4 | 576.3 | 591.2 | 595.0 | 622.0 | 658.2 | 676.3 | 702.0 | 753.3 | 791.7 | 797.7 |
| 150° | 575.2 | 588.7 | 602.2 | 605.5 | 629.1 | 660.6 | 676.3 | 698.0 | 741.3 | 773.8 | 778.6 |
| 152.5° | 589.5 | 599.7 | 609.9 | 612.5 | 633.8 | 662.1 | 676.3 | 694.8 | 731.8 | 759.5 | 763.1 |
| 155° | 610.6 | 618.1 | 625.7 | 627.5 | 643.8 | 665.5 | 676.3 | 691.0 | 720.4 | 742.5 | 744.9 |
| 157.5° | 626.2 | 633.6 | 640.9 | 642.7 | 653.9 | 668.8 | 676.3 | 687.8 | 710.7 | 727.8 | 729.5 |
| 160° | 636.8 | 642.5 | 648.2 | 649.7 | 658.5 | 670.4 | 676.3 | 686.1 | 705.7 | 720.4 | 721.4 |
| 162.5° | 647.4 | 651.6 | 656.0 | 657.0 | 663.4 | 672.0 | 676.3 | 684.6 | 701.2 | 713.6 | 714.5 |
| 165° | 658.8 | 662.7 | 666.6 | 667.6 | 670.5 | 674.3 | 676.3 | 682.3 | 694.1 | 702.9 | 703.9 |
| 167.5° | 669.5 | 671.2 | 673.1 | 673.5 | 676.0 | 679.3 | 680.9 | 684.8 | 692.6 | 698.4 | 698.9 |
| 170° | 676.3 | 678.2 | 680.0 | 680.5 | 680.7 | 680.8 | 680.9 | 684.8 | 692.6 | 698.4 | 698.4 |
| 172.5° | 680.0 | 680.4 | 680.8 | 680.9 | 680.9 | 680.9 | 680.9 | 683.9 | 690.1 | 694.7 | 694.3 |
| 175° | 685.1 | 685.1 | 685.1 | 685.1 | 683.7 | 681.8 | 680.9 | 682.9 | 686.7 | 689.6 | 689.6 |
| 177.5° | 685.1 | 685.1 | 685.1 | 685.1 | 684.0 | 682.5 | 681.8 | 683.3 | 686.4 | 688.7 | 688.3 |
| 180° | 685.1 | 685.1 | 685.1 | 685.1 | 685.1 | 685.1 | 685.1 | 685.1 | 685.1 | 685.1 | 685.1 |



TEST NUMBER: P935774

CATALOG NUMBER: SQ4-FA-125U-125D-940-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (continued):

| | 80° | 90° | 100° | 110° | 112.5° | 120° | 130° | 135° | 140° | 150° | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1588.5 | 1588.5 | 1588.5 | 1588.5 | 1588.5 | 1588.5 | 1588.5 | 1588.5 | 1588.5 | 1588.5 | 1588.5 |
| 2.5° | 1629.0 | 1624.5 | 1629.0 | 1626.0 | 1627.5 | 1623.0 | 1609.5 | 1605.0 | 1609.5 | 1614.0 | 1614.0 |
| 5° | 1648.6 | 1645.6 | 1648.6 | 1648.6 | 1647.1 | 1644.0 | 1629.0 | 1626.0 | 1629.0 | 1630.5 | 1627.5 |
| 7.5° | 1654.5 | 1650.1 | 1654.5 | 1651.6 | 1651.6 | 1648.6 | 1633.6 | 1630.5 | 1632.1 | 1636.5 | 1632.1 |
| 10° | 1654.5 | 1650.1 | 1654.5 | 1653.1 | 1651.6 | 1648.6 | 1633.6 | 1627.5 | 1627.5 | 1632.1 | 1627.5 |
| 12.5° | 1647.1 | 1644.0 | 1647.1 | 1644.0 | 1644.0 | 1641.0 | 1626.0 | 1620.0 | 1621.5 | 1623.0 | 1617.0 |
| 15° | 1635.0 | 1630.5 | 1635.0 | 1632.1 | 1633.6 | 1629.0 | 1612.5 | 1606.5 | 1606.5 | 1609.5 | 1598.9 |
| 17.5° | 1617.0 | 1611.0 | 1617.0 | 1615.4 | 1614.0 | 1611.0 | 1595.9 | 1590.0 | 1588.5 | 1590.0 | 1582.4 |
| 20° | 1595.9 | 1591.5 | 1595.9 | 1594.5 | 1594.5 | 1588.5 | 1573.4 | 1565.9 | 1565.9 | 1565.9 | 1558.4 |
| 22.5° | 1562.9 | 1558.4 | 1562.9 | 1565.9 | 1565.9 | 1564.4 | 1550.9 | 1540.3 | 1537.3 | 1537.3 | 1528.3 |
| 25° | 1525.3 | 1520.8 | 1525.3 | 1525.3 | 1523.8 | 1525.3 | 1520.8 | 1514.8 | 1510.3 | 1505.8 | 1496.8 |
| 27.5° | 1489.3 | 1486.2 | 1489.3 | 1486.2 | 1489.3 | 1484.7 | 1483.2 | 1481.7 | 1475.8 | 1471.2 | 1459.2 |
| 30° | 1453.2 | 1450.2 | 1453.2 | 1450.2 | 1447.2 | 1444.2 | 1436.7 | 1433.7 | 1439.6 | 1436.7 | 1417.2 |
| 32.5° | 1408.1 | 1405.1 | 1408.1 | 1408.1 | 1405.1 | 1405.1 | 1393.1 | 1388.6 | 1390.1 | 1399.1 | 1381.0 |
| 35° | 1361.5 | 1357.0 | 1361.5 | 1360.1 | 1361.5 | 1357.0 | 1349.5 | 1348.0 | 1341.9 | 1352.5 | 1339.0 |
| 37.5° | 1307.4 | 1302.9 | 1307.4 | 1307.4 | 1307.4 | 1310.4 | 1304.4 | 1299.9 | 1290.9 | 1304.4 | 1293.9 |
| 40° | 1251.8 | 1245.8 | 1251.8 | 1250.3 | 1251.8 | 1254.8 | 1251.8 | 1248.8 | 1239.8 | 1250.3 | 1241.3 |
| 42.5° | 1188.7 | 1187.2 | 1188.7 | 1190.2 | 1190.2 | 1196.2 | 1200.8 | 1194.7 | 1191.7 | 1184.1 | 1190.2 |
| 45° | 1121.1 | 1118.1 | 1121.1 | 1124.1 | 1125.5 | 1128.6 | 1142.1 | 1142.1 | 1137.6 | 1125.5 | 1134.6 |
| 47.5° | 1048.9 | 1041.4 | 1048.9 | 1058.0 | 1058.0 | 1062.5 | 1076.0 | 1086.5 | 1079.0 | 1064.0 | 1068.4 |
| 50° | 972.3 | 973.8 | 972.3 | 978.3 | 978.3 | 994.8 | 1005.4 | 1015.9 | 1023.4 | 1005.4 | 984.3 |
| 52.5° | 897.1 | 895.6 | 897.1 | 901.7 | 907.7 | 915.2 | 933.2 | 943.8 | 955.8 | 945.3 | 912.2 |
| 55° | 822.0 | 825.0 | 822.0 | 823.5 | 826.6 | 831.1 | 858.1 | 868.6 | 891.1 | 877.6 | 843.1 |
| 57.5° | 746.9 | 742.4 | 746.9 | 749.9 | 751.4 | 755.9 | 778.4 | 798.0 | 811.5 | 813.0 | 771.0 |
| 60° | 659.7 | 653.7 | 659.7 | 673.3 | 676.2 | 679.2 | 700.3 | 718.3 | 730.4 | 734.8 | 691.3 |
| 62.5° | 583.1 | 572.6 | 583.1 | 592.1 | 598.1 | 605.6 | 620.6 | 647.7 | 658.2 | 659.7 | 598.1 |
| 65° | 501.9 | 497.5 | 501.9 | 519.9 | 521.4 | 530.5 | 547.0 | 566.5 | 589.1 | 586.1 | 497.5 |
| 67.5° | 428.3 | 428.3 | 428.3 | 440.4 | 449.3 | 453.9 | 474.9 | 483.9 | 512.5 | 515.5 | 414.8 |
| 70° | 360.7 | 359.2 | 360.7 | 369.7 | 375.7 | 386.2 | 405.7 | 416.3 | 438.8 | 446.3 | 336.6 |
| 72.5° | 296.1 | 294.5 | 296.1 | 303.5 | 309.6 | 318.6 | 335.1 | 347.1 | 366.7 | 375.7 | 261.5 |
| 75° | 239.0 | 235.9 | 239.0 | 244.9 | 243.5 | 255.5 | 269.0 | 281.1 | 299.1 | 305.0 | 193.9 |
| 77.5° | 183.4 | 183.4 | 183.4 | 189.3 | 189.3 | 201.4 | 207.3 | 222.4 | 232.9 | 242.0 | 142.8 |
| 80° | 136.8 | 135.2 | 136.8 | 138.3 | 138.3 | 144.3 | 154.8 | 165.3 | 174.3 | 174.3 | 97.7 |
| 82.5° | 96.2 | 93.2 | 96.2 | 96.2 | 96.2 | 99.2 | 105.2 | 108.2 | 114.2 | 118.7 | 61.6 |
| 85° | 60.1 | 60.1 | 60.1 | 61.6 | 60.1 | 63.1 | 64.6 | 67.7 | 67.7 | 64.6 | 37.6 |
| 87.5° | 39.1 | 37.6 | 39.1 | 37.6 | 37.6 | 36.1 | 36.1 | 36.1 | 34.5 | 33.0 | 21.0 |
| 90° | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 | 23.3 | 31.0 | 34.9 | 30.0 | 20.2 | 12.9 |
| 92.5° | 70.0 | 56.1 | 70.0 | 83.9 | 87.4 | 123.9 | 172.4 | 196.8 | 172.8 | 124.8 | 88.7 |
| 95° | 243.9 | 201.8 | 243.9 | 286.0 | 296.6 | 389.5 | 513.3 | 575.2 | 485.7 | 307.0 | 172.9 |
| 97.5° | 584.5 | 504.4 | 584.5 | 664.6 | 684.6 | 743.3 | 821.5 | 860.6 | 711.6 | 413.5 | 189.9 |
| 100° | 842.1 | 746.6 | 842.1 | 937.5 | 961.3 | 957.1 | 951.3 | 948.5 | 783.0 | 452.3 | 204.2 |
| 102.5° | 1095.5 | 1013.8 | 1095.5 | 1177.3 | 1197.7 | 1123.0 | 1023.2 | 973.3 | 805.6 | 470.0 | 218.4 |
| 105° | 1418.7 | 1374.7 | 1418.7 | 1462.5 | 1473.5 | 1305.9 | 1082.4 | 970.6 | 808.2 | 483.2 | 239.6 |
| 107.5° | 1630.3 | 1640.9 | 1630.3 | 1619.6 | 1617.0 | 1383.1 | 1071.4 | 915.4 | 772.2 | 485.7 | 270.8 |
| 110° | 1711.0 | 1756.7 | 1711.0 | 1665.3 | 1653.8 | 1392.4 | 1043.8 | 869.4 | 740.3 | 482.0 | 288.2 |



TEST NUMBER: P935774

CATALOG NUMBER: SQ4-FA-125U-125D-940-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (continued):

| | 80° | 90° | 100° | 110° | 112.5° | 120° | 130° | 135° | 140° | 150° | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|--------|
| 112.5° | 1718.2 | 1788.5 | 1718.2 | 1648.0 | 1630.4 | 1362.8 | 1006.0 | 827.6 | 712.4 | 482.1 | 309.4 |
| 115° | 1672.6 | 1770.1 | 1672.6 | 1575.1 | 1550.8 | 1293.0 | 949.3 | 777.4 | 680.5 | 486.6 | 341.2 |
| 117.5° | 1576.0 | 1684.1 | 1576.0 | 1467.9 | 1440.9 | 1208.2 | 898.0 | 743.0 | 660.6 | 495.7 | 372.0 |
| 120° | 1498.1 | 1603.2 | 1498.1 | 1393.2 | 1366.9 | 1154.3 | 871.0 | 729.2 | 653.8 | 503.1 | 389.9 |
| 122.5° | 1422.3 | 1525.9 | 1422.3 | 1318.8 | 1292.8 | 1101.5 | 846.3 | 718.7 | 650.3 | 513.6 | 411.1 |
| 125° | 1314.2 | 1409.6 | 1314.2 | 1218.8 | 1194.9 | 1032.3 | 815.5 | 707.1 | 647.4 | 527.8 | 438.1 |
| 127.5° | 1216.9 | 1297.5 | 1216.9 | 1136.5 | 1116.3 | 976.7 | 790.5 | 697.4 | 645.7 | 542.0 | 464.3 |
| 130° | 1159.6 | 1234.1 | 1159.6 | 1085.2 | 1066.7 | 942.3 | 776.6 | 693.8 | 646.7 | 552.5 | 481.8 |
| 132.5° | 1107.6 | 1174.2 | 1107.6 | 1041.0 | 1024.4 | 913.1 | 764.7 | 690.6 | 647.4 | 560.9 | 496.1 |
| 135° | 1036.4 | 1093.7 | 1036.4 | 979.0 | 964.6 | 871.5 | 747.3 | 685.1 | 646.7 | 570.1 | 512.6 |
| 137.5° | 979.2 | 1026.2 | 979.2 | 932.1 | 920.4 | 841.6 | 736.6 | 684.1 | 650.7 | 583.9 | 533.8 |
| 140° | 939.9 | 983.9 | 939.9 | 896.1 | 885.1 | 817.0 | 726.3 | 680.9 | 651.4 | 592.4 | 548.1 |
| 142.5° | 907.4 | 945.3 | 907.4 | 869.6 | 860.2 | 800.4 | 720.8 | 680.9 | 653.7 | 599.4 | 558.6 |
| 145° | 858.8 | 887.4 | 858.8 | 830.2 | 823.0 | 774.1 | 708.9 | 676.3 | 653.7 | 608.5 | 574.7 |
| 147.5° | 821.3 | 845.0 | 821.3 | 797.7 | 791.7 | 753.3 | 702.0 | 676.3 | 658.2 | 622.0 | 595.0 |
| 150° | 797.9 | 817.0 | 797.9 | 778.6 | 773.8 | 741.3 | 698.0 | 676.3 | 660.6 | 629.1 | 605.5 |
| 152.5° | 777.6 | 792.2 | 777.6 | 763.1 | 759.5 | 731.8 | 694.8 | 676.3 | 662.1 | 633.8 | 612.5 |
| 155° | 754.5 | 764.1 | 754.5 | 744.9 | 742.5 | 720.4 | 691.0 | 676.3 | 665.5 | 643.8 | 627.5 |
| 157.5° | 736.2 | 743.0 | 736.2 | 729.5 | 727.8 | 710.7 | 687.8 | 676.3 | 668.8 | 653.9 | 642.7 |
| 160° | 725.3 | 729.2 | 725.3 | 721.4 | 720.4 | 705.7 | 686.1 | 676.3 | 670.4 | 658.5 | 649.7 |
| 162.5° | 718.2 | 721.9 | 718.2 | 714.5 | 713.6 | 701.2 | 684.6 | 676.3 | 672.0 | 663.4 | 657.0 |
| 165° | 707.8 | 711.7 | 707.8 | 703.9 | 702.9 | 694.1 | 682.3 | 676.3 | 674.3 | 670.5 | 667.6 |
| 167.5° | 700.5 | 702.1 | 700.5 | 698.9 | 698.4 | 692.6 | 684.8 | 680.9 | 679.3 | 676.0 | 673.5 |
| 170° | 698.4 | 698.4 | 698.4 | 698.4 | 698.4 | 692.6 | 684.8 | 680.9 | 680.8 | 680.7 | 680.5 |
| 172.5° | 692.9 | 691.5 | 692.9 | 694.3 | 694.7 | 690.1 | 683.9 | 680.9 | 680.9 | 680.9 | 680.9 |
| 175° | 689.6 | 689.6 | 689.6 | 689.6 | 689.6 | 686.7 | 682.9 | 680.9 | 681.8 | 683.7 | 685.1 |
| 177.5° | 686.7 | 685.1 | 686.7 | 688.3 | 688.7 | 686.4 | 683.3 | 681.8 | 682.5 | 684.0 | 685.1 |
| 180° | 685.1 | 685.1 | 685.1 | 685.1 | 685.1 | 685.1 | 685.1 | 685.1 | 685.1 | 685.1 | 685.1 |



TEST NUMBER: P935774

CATALOG NUMBER: SQ4-FA-125U-125D-940-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (continued):

| | 160° | 170° | 180° | 190° | 200° | 202.5° | 210° | 220° | 225° | 230° | 240° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1588.5 | 1588.5 | 1588.5 | 1588.5 | 1588.5 | 1588.5 | 1588.5 | 1588.5 | 1588.5 | 1588.5 | 1588.5 |
| 2.5° | 1611.0 | 1602.0 | 1602.0 | 1586.9 | 1580.9 | 1576.4 | 1568.9 | 1546.4 | 1540.3 | 1534.4 | 1543.3 |
| 5° | 1624.5 | 1608.0 | 1595.9 | 1568.9 | 1546.4 | 1537.3 | 1508.8 | 1454.7 | 1418.7 | 1391.6 | 1376.6 |
| 7.5° | 1627.5 | 1606.5 | 1583.9 | 1541.8 | 1487.8 | 1463.7 | 1376.6 | 1277.4 | 1250.3 | 1226.2 | 1211.2 |
| 10° | 1624.5 | 1600.4 | 1568.9 | 1505.8 | 1378.1 | 1336.0 | 1248.8 | 1184.1 | 1167.6 | 1163.2 | 1167.6 |
| 12.5° | 1614.0 | 1591.5 | 1547.9 | 1442.6 | 1263.8 | 1235.3 | 1184.1 | 1146.6 | 1143.7 | 1151.1 | 1191.7 |
| 15° | 1595.9 | 1575.0 | 1523.8 | 1358.6 | 1200.8 | 1179.7 | 1143.7 | 1130.1 | 1146.6 | 1199.2 | 1321.0 |
| 17.5° | 1577.9 | 1553.9 | 1490.8 | 1275.9 | 1152.6 | 1137.6 | 1112.0 | 1139.1 | 1232.3 | 1302.9 | 1343.5 |
| 20° | 1553.9 | 1525.3 | 1453.2 | 1215.8 | 1118.1 | 1104.6 | 1092.5 | 1214.3 | 1284.8 | 1310.4 | 1333.0 |
| 22.5° | 1525.3 | 1495.3 | 1402.1 | 1173.7 | 1082.0 | 1071.5 | 1079.0 | 1256.3 | 1284.8 | 1302.9 | 1322.4 |
| 25° | 1487.8 | 1462.2 | 1341.9 | 1140.6 | 1053.4 | 1041.4 | 1070.0 | 1251.8 | 1268.3 | 1272.9 | 1311.9 |
| 27.5° | 1453.2 | 1420.1 | 1278.9 | 1110.5 | 1018.9 | 1014.4 | 1077.5 | 1232.3 | 1244.3 | 1248.8 | 1290.9 |
| 30° | 1411.1 | 1361.5 | 1208.2 | 1079.0 | 982.8 | 981.3 | 1079.0 | 1208.2 | 1205.2 | 1217.3 | 1259.4 |
| 32.5° | 1367.5 | 1274.4 | 1128.6 | 1039.9 | 948.3 | 946.8 | 1068.4 | 1172.2 | 1169.1 | 1185.7 | 1217.3 |
| 35° | 1326.9 | 1206.7 | 1020.4 | 994.8 | 904.7 | 906.2 | 1043.0 | 1130.1 | 1131.6 | 1146.6 | 1166.1 |
| 37.5° | 1284.8 | 1148.1 | 901.7 | 945.3 | 862.6 | 862.6 | 1008.3 | 1091.0 | 1088.0 | 1092.5 | 1119.6 |
| 40° | 1235.3 | 1056.5 | 796.4 | 880.6 | 823.5 | 819.0 | 966.3 | 1048.9 | 1038.4 | 1036.9 | 1074.5 |
| 42.5° | 1182.7 | 955.8 | 718.3 | 794.9 | 778.4 | 772.5 | 915.2 | 997.8 | 978.3 | 982.8 | 1030.9 |
| 45° | 1125.5 | 928.8 | 658.2 | 671.8 | 731.9 | 727.4 | 859.6 | 939.2 | 925.7 | 937.7 | 987.4 |
| 47.5° | 1068.4 | 874.6 | 638.6 | 557.6 | 682.3 | 680.7 | 798.0 | 882.1 | 874.6 | 886.7 | 939.2 |
| 50° | 990.3 | 814.5 | 637.1 | 477.9 | 626.7 | 632.7 | 724.3 | 826.6 | 826.6 | 837.0 | 892.6 |
| 52.5° | 889.7 | 740.9 | 578.5 | 432.8 | 562.0 | 580.0 | 659.7 | 778.4 | 781.4 | 792.0 | 841.6 |
| 55° | 798.0 | 664.2 | 536.5 | 398.3 | 485.4 | 524.5 | 596.6 | 728.9 | 734.8 | 745.4 | 790.5 |
| 57.5° | 713.9 | 553.0 | 527.5 | 357.7 | 414.8 | 452.3 | 541.0 | 680.7 | 683.8 | 692.8 | 736.3 |
| 60° | 623.6 | 399.8 | 483.9 | 314.1 | 353.2 | 381.7 | 489.9 | 623.6 | 634.2 | 640.2 | 677.7 |
| 62.5° | 521.4 | 290.0 | 438.8 | 284.0 | 323.1 | 329.1 | 447.8 | 569.6 | 583.1 | 587.6 | 610.1 |
| 65° | 371.2 | 243.5 | 372.7 | 258.5 | 291.5 | 293.0 | 402.7 | 514.0 | 526.0 | 533.5 | 550.0 |
| 67.5° | 250.9 | 198.4 | 284.0 | 234.4 | 267.5 | 269.0 | 359.2 | 449.3 | 465.8 | 471.9 | 482.4 |
| 70° | 174.3 | 132.2 | 210.4 | 208.9 | 240.5 | 243.5 | 312.6 | 390.7 | 405.7 | 410.3 | 416.3 |
| 72.5° | 127.7 | 106.7 | 174.3 | 187.8 | 211.9 | 214.9 | 264.4 | 324.6 | 339.7 | 344.1 | 347.1 |
| 75° | 97.7 | 112.7 | 141.3 | 163.8 | 180.4 | 181.9 | 216.4 | 264.4 | 275.0 | 278.0 | 279.5 |
| 77.5° | 78.1 | 105.2 | 103.7 | 132.2 | 147.2 | 144.3 | 169.8 | 204.4 | 213.4 | 213.4 | 213.4 |
| 80° | 58.6 | 82.7 | 78.1 | 94.7 | 108.2 | 105.2 | 121.7 | 145.8 | 148.7 | 151.8 | 150.2 |
| 82.5° | 43.6 | 52.6 | 52.6 | 60.1 | 72.1 | 69.1 | 81.2 | 94.7 | 94.7 | 94.7 | 97.7 |
| 85° | 27.1 | 30.0 | 24.1 | 31.5 | 40.6 | 39.1 | 45.1 | 51.1 | 52.6 | 52.6 | 49.6 |
| 87.5° | 16.5 | 13.5 | 7.5 | 12.0 | 18.0 | 18.0 | 21.0 | 22.6 | 21.0 | 21.0 | 21.0 |
| 90° | 12.0 | 8.3 | 4.6 | 8.3 | 12.0 | 12.9 | 20.2 | 30.0 | 34.9 | 31.0 | 23.3 |
| 92.5° | 80.9 | 49.6 | 18.4 | 49.6 | 80.9 | 88.7 | 124.8 | 172.8 | 196.8 | 172.4 | 123.9 |
| 95° | 158.6 | 101.3 | 44.1 | 101.3 | 158.6 | 172.9 | 307.0 | 485.7 | 575.2 | 513.3 | 389.5 |
| 97.5° | 177.2 | 126.7 | 76.3 | 126.7 | 177.2 | 189.9 | 413.5 | 711.6 | 860.6 | 821.5 | 743.3 |
| 100° | 192.7 | 147.0 | 101.1 | 147.0 | 192.7 | 204.2 | 452.3 | 783.0 | 948.5 | 951.3 | 957.1 |
| 102.5° | 207.7 | 165.0 | 122.3 | 165.0 | 207.7 | 218.4 | 470.0 | 805.6 | 973.3 | 1023.2 | 1123.0 |
| 105° | 230.5 | 194.4 | 158.2 | 194.4 | 230.5 | 239.6 | 483.2 | 808.2 | 970.6 | 1082.4 | 1305.9 |
| 107.5° | 262.4 | 228.7 | 194.9 | 228.7 | 262.4 | 270.8 | 485.7 | 772.2 | 915.4 | 1071.4 | 1383.1 |
| 110° | 280.6 | 250.2 | 219.8 | 250.2 | 280.6 | 288.2 | 482.0 | 740.3 | 869.4 | 1043.8 | 1392.4 |



TEST NUMBER: P935774

CATALOG NUMBER: SQ4-FA-125U-125D-940-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (continued):

| | 160° | 170° | 180° | 190° | 200° | 202.5° | 210° | 220° | 225° | 230° | 240° |
|--------|-------|-------|-------|-------|-------|--------|-------|-------|-------|--------|--------|
| 112.5° | 302.1 | 273.1 | 244.1 | 273.1 | 302.1 | 309.4 | 482.1 | 712.4 | 827.6 | 1006.0 | 1362.8 |
| 115° | 334.5 | 307.7 | 280.9 | 307.7 | 334.5 | 341.2 | 486.6 | 680.5 | 777.4 | 949.3 | 1293.0 |
| 117.5° | 365.9 | 341.6 | 317.3 | 341.6 | 365.9 | 372.0 | 495.7 | 660.6 | 743.0 | 898.0 | 1208.2 |
| 120° | 384.2 | 361.3 | 338.4 | 361.3 | 384.2 | 389.9 | 503.1 | 653.8 | 729.2 | 871.0 | 1154.3 |
| 122.5° | 405.3 | 382.2 | 359.1 | 382.2 | 405.3 | 411.1 | 513.6 | 650.3 | 718.7 | 846.3 | 1101.5 |
| 125° | 432.9 | 411.9 | 390.8 | 411.9 | 432.9 | 438.1 | 527.8 | 647.4 | 707.1 | 815.5 | 1032.3 |
| 127.5° | 459.0 | 437.8 | 416.6 | 437.8 | 459.0 | 464.3 | 542.0 | 645.7 | 697.4 | 790.5 | 976.7 |
| 130° | 476.1 | 453.2 | 430.3 | 453.2 | 476.1 | 481.8 | 552.5 | 646.7 | 693.8 | 776.6 | 942.3 |
| 132.5° | 490.4 | 467.5 | 444.6 | 467.5 | 490.4 | 496.1 | 560.9 | 647.4 | 690.6 | 764.7 | 913.1 |
| 135° | 507.4 | 486.6 | 465.8 | 486.6 | 507.4 | 512.6 | 570.1 | 646.7 | 685.1 | 747.3 | 871.5 |
| 137.5° | 528.6 | 507.9 | 487.3 | 507.9 | 528.6 | 533.8 | 583.9 | 650.7 | 684.1 | 736.6 | 841.6 |
| 140° | 543.3 | 524.3 | 505.3 | 524.3 | 543.3 | 548.1 | 592.4 | 651.4 | 680.9 | 726.3 | 817.0 |
| 142.5° | 554.2 | 536.6 | 519.0 | 536.6 | 554.2 | 558.6 | 599.4 | 653.7 | 680.9 | 720.8 | 800.4 |
| 145° | 570.9 | 555.5 | 540.3 | 555.5 | 570.9 | 574.7 | 608.5 | 653.7 | 676.3 | 708.9 | 774.1 |
| 147.5° | 591.2 | 576.3 | 561.4 | 576.3 | 591.2 | 595.0 | 622.0 | 658.2 | 676.3 | 702.0 | 753.3 |
| 150° | 602.2 | 588.7 | 575.2 | 588.7 | 602.2 | 605.5 | 629.1 | 660.6 | 676.3 | 698.0 | 741.3 |
| 152.5° | 609.9 | 599.7 | 589.5 | 599.7 | 609.9 | 612.5 | 633.8 | 662.1 | 676.3 | 694.8 | 731.8 |
| 155° | 625.7 | 618.1 | 610.6 | 618.1 | 625.7 | 627.5 | 643.8 | 665.5 | 676.3 | 691.0 | 720.4 |
| 157.5° | 640.9 | 633.6 | 626.2 | 633.6 | 640.9 | 642.7 | 653.9 | 668.8 | 676.3 | 687.8 | 710.7 |
| 160° | 648.2 | 642.5 | 636.8 | 642.5 | 648.2 | 649.7 | 658.5 | 670.4 | 676.3 | 686.1 | 705.7 |
| 162.5° | 656.0 | 651.6 | 647.4 | 651.6 | 656.0 | 657.0 | 663.4 | 672.0 | 676.3 | 684.6 | 701.2 |
| 165° | 666.6 | 662.7 | 658.8 | 662.7 | 666.6 | 667.6 | 670.5 | 674.3 | 676.3 | 682.3 | 694.1 |
| 167.5° | 673.1 | 671.2 | 669.5 | 671.2 | 673.1 | 673.5 | 676.0 | 679.3 | 680.9 | 684.8 | 692.6 |
| 170° | 680.0 | 678.2 | 676.3 | 678.2 | 680.0 | 680.5 | 680.7 | 680.8 | 680.9 | 684.8 | 692.6 |
| 172.5° | 680.8 | 680.4 | 680.0 | 680.4 | 680.8 | 680.9 | 680.9 | 680.9 | 680.9 | 683.9 | 690.1 |
| 175° | 685.1 | 685.1 | 685.1 | 685.1 | 685.1 | 685.1 | 683.7 | 681.8 | 680.9 | 682.9 | 686.7 |
| 177.5° | 685.1 | 685.1 | 685.1 | 685.1 | 685.1 | 685.1 | 684.0 | 682.5 | 681.8 | 683.3 | 686.4 |
| 180° | 685.1 | 685.1 | 685.1 | 685.1 | 685.1 | 685.1 | 685.1 | 685.1 | 685.1 | 685.1 | 685.1 |



TEST NUMBER: P935774

CATALOG NUMBER: SQ4-FA-125U-125D-940-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 260° | 270° | 280° | 290° | 292.5° | 300° | 310° | 315° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1588.5 | 1588.5 | 1588.5 | 1588.5 | 1588.5 | 1588.5 | 1588.5 | 1588.5 | 1588.5 | 1588.5 | 1588.5 |
| 2.5° | 1532.9 | 1528.3 | 1534.4 | 1517.8 | 1534.4 | 1528.3 | 1532.9 | 1543.3 | 1534.4 | 1540.3 | 1546.4 |
| 5° | 1345.0 | 1337.5 | 1313.4 | 1293.9 | 1313.4 | 1337.5 | 1345.0 | 1376.6 | 1391.6 | 1418.7 | 1454.7 |
| 7.5° | 1202.3 | 1196.2 | 1190.2 | 1178.2 | 1190.2 | 1196.2 | 1202.3 | 1211.2 | 1226.2 | 1250.3 | 1277.4 |
| 10° | 1170.7 | 1172.2 | 1181.2 | 1179.7 | 1181.2 | 1172.2 | 1170.7 | 1167.6 | 1163.2 | 1167.6 | 1184.1 |
| 12.5° | 1251.8 | 1265.3 | 1315.0 | 1311.9 | 1315.0 | 1265.3 | 1251.8 | 1191.7 | 1151.1 | 1143.7 | 1146.6 |
| 15° | 1345.0 | 1349.5 | 1360.1 | 1361.5 | 1360.1 | 1349.5 | 1345.0 | 1321.0 | 1199.2 | 1146.6 | 1130.1 |
| 17.5° | 1354.0 | 1355.5 | 1363.0 | 1363.0 | 1363.0 | 1355.5 | 1354.0 | 1343.5 | 1302.9 | 1232.3 | 1139.1 |
| 20° | 1346.5 | 1349.5 | 1364.5 | 1367.5 | 1364.5 | 1349.5 | 1346.5 | 1333.0 | 1310.4 | 1284.8 | 1214.3 |
| 22.5° | 1343.5 | 1349.5 | 1361.5 | 1360.1 | 1361.5 | 1349.5 | 1343.5 | 1322.4 | 1302.9 | 1284.8 | 1256.3 |
| 25° | 1328.4 | 1328.4 | 1330.0 | 1331.5 | 1330.0 | 1328.4 | 1328.4 | 1311.9 | 1272.9 | 1268.3 | 1251.8 |
| 27.5° | 1296.9 | 1299.9 | 1308.9 | 1307.4 | 1308.9 | 1299.9 | 1296.9 | 1290.9 | 1248.8 | 1244.3 | 1232.3 |
| 30° | 1268.3 | 1265.3 | 1257.9 | 1251.8 | 1257.9 | 1265.3 | 1268.3 | 1259.4 | 1217.3 | 1205.2 | 1208.2 |
| 32.5° | 1220.3 | 1212.7 | 1205.2 | 1200.8 | 1205.2 | 1212.7 | 1220.3 | 1217.3 | 1185.7 | 1169.1 | 1172.2 |
| 35° | 1163.2 | 1164.6 | 1163.2 | 1158.7 | 1163.2 | 1164.6 | 1163.2 | 1166.1 | 1146.6 | 1131.6 | 1130.1 |
| 37.5° | 1122.6 | 1125.5 | 1124.1 | 1118.1 | 1124.1 | 1125.5 | 1122.6 | 1119.6 | 1092.5 | 1088.0 | 1091.0 |
| 40° | 1080.5 | 1082.0 | 1080.5 | 1076.0 | 1080.5 | 1082.0 | 1080.5 | 1074.5 | 1036.9 | 1038.4 | 1048.9 |
| 42.5° | 1039.9 | 1038.4 | 1033.9 | 1030.9 | 1033.9 | 1038.4 | 1039.9 | 1030.9 | 982.8 | 978.3 | 997.8 |
| 45° | 993.3 | 994.8 | 985.9 | 981.3 | 985.9 | 994.8 | 993.3 | 987.4 | 937.7 | 925.7 | 939.2 |
| 47.5° | 946.8 | 946.8 | 939.2 | 934.7 | 939.2 | 946.8 | 946.8 | 939.2 | 886.7 | 874.6 | 882.1 |
| 50° | 897.1 | 895.6 | 885.2 | 883.6 | 885.2 | 895.6 | 897.1 | 892.6 | 837.0 | 826.6 | 826.6 |
| 52.5° | 840.0 | 840.0 | 841.6 | 844.6 | 841.6 | 840.0 | 840.0 | 841.6 | 792.0 | 781.4 | 778.4 |
| 55° | 790.5 | 792.0 | 802.5 | 805.5 | 802.5 | 792.0 | 790.5 | 790.5 | 745.4 | 734.8 | 728.9 |
| 57.5° | 739.3 | 739.3 | 746.9 | 746.9 | 746.9 | 739.3 | 739.3 | 736.3 | 692.8 | 683.8 | 680.7 |
| 60° | 680.7 | 683.8 | 689.8 | 688.3 | 689.8 | 683.8 | 680.7 | 677.7 | 640.2 | 634.2 | 623.6 |
| 62.5° | 619.1 | 622.1 | 623.6 | 620.6 | 623.6 | 622.1 | 619.1 | 610.1 | 587.6 | 583.1 | 569.6 |
| 65° | 554.6 | 557.6 | 559.0 | 556.1 | 559.0 | 557.6 | 554.6 | 550.0 | 533.5 | 526.0 | 514.0 |
| 67.5° | 488.4 | 486.9 | 485.4 | 491.4 | 485.4 | 486.9 | 488.4 | 482.4 | 471.9 | 465.8 | 449.3 |
| 70° | 420.7 | 420.7 | 419.3 | 422.2 | 419.3 | 420.7 | 420.7 | 416.3 | 410.3 | 405.7 | 390.7 |
| 72.5° | 348.6 | 347.1 | 353.2 | 348.6 | 353.2 | 347.1 | 348.6 | 347.1 | 344.1 | 339.7 | 324.6 |
| 75° | 278.0 | 281.1 | 278.0 | 282.6 | 278.0 | 281.1 | 278.0 | 279.5 | 278.0 | 275.0 | 264.4 |
| 77.5° | 211.9 | 214.9 | 211.9 | 211.9 | 211.9 | 214.9 | 211.9 | 213.4 | 213.4 | 213.4 | 204.4 |
| 80° | 150.2 | 148.7 | 148.7 | 147.2 | 148.7 | 148.7 | 150.2 | 150.2 | 151.8 | 148.7 | 145.8 |
| 82.5° | 96.2 | 94.7 | 94.7 | 97.7 | 94.7 | 94.7 | 96.2 | 97.7 | 94.7 | 94.7 | 94.7 |
| 85° | 52.6 | 54.1 | 51.1 | 51.1 | 51.1 | 54.1 | 52.6 | 49.6 | 52.6 | 52.6 | 51.1 |
| 87.5° | 19.5 | 18.0 | 18.0 | 18.0 | 18.0 | 18.0 | 19.5 | 21.0 | 21.0 | 21.0 | 22.6 |
| 90° | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 | 23.3 | 31.0 | 34.9 | 30.0 |
| 92.5° | 87.4 | 83.9 | 70.0 | 56.1 | 70.0 | 83.9 | 87.4 | 123.9 | 172.4 | 196.8 | 172.8 |
| 95° | 296.6 | 286.0 | 243.9 | 201.8 | 243.9 | 286.0 | 296.6 | 389.5 | 513.3 | 575.2 | 485.7 |
| 97.5° | 684.6 | 664.6 | 584.5 | 504.4 | 584.5 | 664.6 | 684.6 | 743.3 | 821.5 | 860.6 | 711.6 |
| 100° | 961.3 | 937.5 | 842.1 | 746.6 | 842.1 | 937.5 | 961.3 | 957.1 | 951.3 | 948.5 | 783.0 |
| 102.5° | 1197.7 | 1177.3 | 1095.5 | 1013.8 | 1095.5 | 1177.3 | 1197.7 | 1123.0 | 1023.2 | 973.3 | 805.6 |
| 105° | 1473.5 | 1462.5 | 1418.7 | 1374.7 | 1418.7 | 1462.5 | 1473.5 | 1305.9 | 1082.4 | 970.6 | 808.2 |
| 107.5° | 1617.0 | 1619.6 | 1630.3 | 1640.9 | 1630.3 | 1619.6 | 1617.0 | 1383.1 | 1071.4 | 915.4 | 772.2 |
| 110° | 1653.8 | 1665.3 | 1711.0 | 1756.7 | 1711.0 | 1665.3 | 1653.8 | 1392.4 | 1043.8 | 869.4 | 740.3 |



TEST NUMBER: P935774

CATALOG NUMBER: SQ4-FA-125U-125D-940-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 260° | 270° | 280° | 290° | 292.5° | 300° | 310° | 315° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|
| 112.5° | 1630.4 | 1648.0 | 1718.2 | 1788.5 | 1718.2 | 1648.0 | 1630.4 | 1362.8 | 1006.0 | 827.6 | 712.4 |
| 115° | 1550.8 | 1575.1 | 1672.6 | 1770.1 | 1672.6 | 1575.1 | 1550.8 | 1293.0 | 949.3 | 777.4 | 680.5 |
| 117.5° | 1440.9 | 1467.9 | 1576.0 | 1684.1 | 1576.0 | 1467.9 | 1440.9 | 1208.2 | 898.0 | 743.0 | 660.6 |
| 120° | 1366.9 | 1393.2 | 1498.1 | 1603.2 | 1498.1 | 1393.2 | 1366.9 | 1154.3 | 871.0 | 729.2 | 653.8 |
| 122.5° | 1292.8 | 1318.8 | 1422.3 | 1525.9 | 1422.3 | 1318.8 | 1292.8 | 1101.5 | 846.3 | 718.7 | 650.3 |
| 125° | 1194.9 | 1218.8 | 1314.2 | 1409.6 | 1314.2 | 1218.8 | 1194.9 | 1032.3 | 815.5 | 707.1 | 647.4 |
| 127.5° | 1116.3 | 1136.5 | 1216.9 | 1297.5 | 1216.9 | 1136.5 | 1116.3 | 976.7 | 790.5 | 697.4 | 645.7 |
| 130° | 1066.7 | 1085.2 | 1159.6 | 1234.1 | 1159.6 | 1085.2 | 1066.7 | 942.3 | 776.6 | 693.8 | 646.7 |
| 132.5° | 1024.4 | 1041.0 | 1107.6 | 1174.2 | 1107.6 | 1041.0 | 1024.4 | 913.1 | 764.7 | 690.6 | 647.4 |
| 135° | 964.6 | 979.0 | 1036.4 | 1093.7 | 1036.4 | 979.0 | 964.6 | 871.5 | 747.3 | 685.1 | 646.7 |
| 137.5° | 920.4 | 932.1 | 979.2 | 1026.2 | 979.2 | 932.1 | 920.4 | 841.6 | 736.6 | 684.1 | 650.7 |
| 140° | 885.1 | 896.1 | 939.9 | 983.9 | 939.9 | 896.1 | 885.1 | 817.0 | 726.3 | 680.9 | 651.4 |
| 142.5° | 860.2 | 869.6 | 907.4 | 945.3 | 907.4 | 869.6 | 860.2 | 800.4 | 720.8 | 680.9 | 653.7 |
| 145° | 823.0 | 830.2 | 858.8 | 887.4 | 858.8 | 830.2 | 823.0 | 774.1 | 708.9 | 676.3 | 653.7 |
| 147.5° | 791.7 | 797.7 | 821.3 | 845.0 | 821.3 | 797.7 | 791.7 | 753.3 | 702.0 | 676.3 | 658.2 |
| 150° | 773.8 | 778.6 | 797.9 | 817.0 | 797.9 | 778.6 | 773.8 | 741.3 | 698.0 | 676.3 | 660.6 |
| 152.5° | 759.5 | 763.1 | 777.6 | 792.2 | 777.6 | 763.1 | 759.5 | 731.8 | 694.8 | 676.3 | 662.1 |
| 155° | 742.5 | 744.9 | 754.5 | 764.1 | 754.5 | 744.9 | 742.5 | 720.4 | 691.0 | 676.3 | 665.5 |
| 157.5° | 727.8 | 729.5 | 736.2 | 743.0 | 736.2 | 729.5 | 727.8 | 710.7 | 687.8 | 676.3 | 668.8 |
| 160° | 720.4 | 721.4 | 725.3 | 729.2 | 725.3 | 721.4 | 720.4 | 705.7 | 686.1 | 676.3 | 670.4 |
| 162.5° | 713.6 | 714.5 | 718.2 | 721.9 | 718.2 | 714.5 | 713.6 | 701.2 | 684.6 | 676.3 | 672.0 |
| 165° | 702.9 | 703.9 | 707.8 | 711.7 | 707.8 | 703.9 | 702.9 | 694.1 | 682.3 | 676.3 | 674.3 |
| 167.5° | 698.4 | 698.9 | 700.5 | 702.1 | 700.5 | 698.9 | 698.4 | 692.6 | 684.8 | 680.9 | 679.3 |
| 170° | 698.4 | 698.4 | 698.4 | 698.4 | 698.4 | 698.4 | 698.4 | 692.6 | 684.8 | 680.9 | 680.8 |
| 172.5° | 694.7 | 694.3 | 692.9 | 691.5 | 692.9 | 694.3 | 694.7 | 690.1 | 683.9 | 680.9 | 680.9 |
| 175° | 689.6 | 689.6 | 689.6 | 689.6 | 689.6 | 689.6 | 689.6 | 686.7 | 682.9 | 680.9 | 681.8 |
| 177.5° | 688.7 | 688.3 | 686.7 | 685.1 | 686.7 | 688.3 | 688.7 | 686.4 | 683.3 | 681.8 | 682.5 |
| 180° | 685.1 | 685.1 | 685.1 | 685.1 | 685.1 | 685.1 | 685.1 | 685.1 | 685.1 | 685.1 | 685.1 |



TEST NUMBER: P935774

CATALOG NUMBER: SQ4-FA-125U-125D-940-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (continued):

| | 330° | 337.5° | 340° | 350° | 360° |
|--------|--------|--------|--------|--------|--------|
| 0° | 1588.5 | 1588.5 | 1588.5 | 1588.5 | 1588.5 |
| 2.5° | 1568.9 | 1576.4 | 1580.9 | 1586.9 | 1602.0 |
| 5° | 1508.8 | 1537.3 | 1546.4 | 1568.9 | 1595.9 |
| 7.5° | 1376.6 | 1463.7 | 1487.8 | 1541.8 | 1583.9 |
| 10° | 1248.8 | 1336.0 | 1378.1 | 1505.8 | 1568.9 |
| 12.5° | 1184.1 | 1235.3 | 1263.8 | 1442.6 | 1547.9 |
| 15° | 1143.7 | 1179.7 | 1200.8 | 1358.6 | 1523.8 |
| 17.5° | 1112.0 | 1137.6 | 1152.6 | 1275.9 | 1490.8 |
| 20° | 1092.5 | 1104.6 | 1118.1 | 1215.8 | 1453.2 |
| 22.5° | 1079.0 | 1071.5 | 1082.0 | 1173.7 | 1402.1 |
| 25° | 1070.0 | 1041.4 | 1053.4 | 1140.6 | 1341.9 |
| 27.5° | 1077.5 | 1014.4 | 1018.9 | 1110.5 | 1278.9 |
| 30° | 1079.0 | 981.3 | 982.8 | 1079.0 | 1208.2 |
| 32.5° | 1068.4 | 946.8 | 948.3 | 1039.9 | 1128.6 |
| 35° | 1043.0 | 906.2 | 904.7 | 994.8 | 1020.4 |
| 37.5° | 1008.3 | 862.6 | 862.6 | 945.3 | 901.7 |
| 40° | 966.3 | 819.0 | 823.5 | 880.6 | 796.4 |
| 42.5° | 915.2 | 772.5 | 778.4 | 794.9 | 718.3 |
| 45° | 859.6 | 727.4 | 731.9 | 671.8 | 658.2 |
| 47.5° | 798.0 | 680.7 | 682.3 | 557.6 | 638.6 |
| 50° | 724.3 | 632.7 | 626.7 | 477.9 | 637.1 |
| 52.5° | 659.7 | 580.0 | 562.0 | 432.8 | 578.5 |
| 55° | 596.6 | 524.5 | 485.4 | 398.3 | 536.5 |
| 57.5° | 541.0 | 452.3 | 414.8 | 357.7 | 527.5 |
| 60° | 489.9 | 381.7 | 353.2 | 314.1 | 483.9 |
| 62.5° | 447.8 | 329.1 | 323.1 | 284.0 | 438.8 |
| 65° | 402.7 | 293.0 | 291.5 | 258.5 | 372.7 |
| 67.5° | 359.2 | 269.0 | 267.5 | 234.4 | 284.0 |
| 70° | 312.6 | 243.5 | 240.5 | 208.9 | 210.4 |
| 72.5° | 264.4 | 214.9 | 211.9 | 187.8 | 174.3 |
| 75° | 216.4 | 181.9 | 180.4 | 163.8 | 141.3 |
| 77.5° | 169.8 | 144.3 | 147.2 | 132.2 | 103.7 |
| 80° | 121.7 | 105.2 | 108.2 | 94.7 | 78.1 |
| 82.5° | 81.2 | 69.1 | 72.1 | 60.1 | 52.6 |
| 85° | 45.1 | 39.1 | 40.6 | 31.5 | 24.1 |
| 87.5° | 21.0 | 18.0 | 18.0 | 12.0 | 7.5 |
| 90° | 20.2 | 12.9 | 12.0 | 8.3 | 4.6 |
| 92.5° | 124.8 | 88.7 | 80.9 | 49.6 | 18.4 |
| 95° | 307.0 | 172.9 | 158.6 | 101.3 | 44.1 |
| 97.5° | 413.5 | 189.9 | 177.2 | 126.7 | 76.3 |
| 100° | 452.3 | 204.2 | 192.7 | 147.0 | 101.1 |
| 102.5° | 470.0 | 218.4 | 207.7 | 165.0 | 122.3 |
| 105° | 483.2 | 239.6 | 230.5 | 194.4 | 158.2 |
| 107.5° | 485.7 | 270.8 | 262.4 | 228.7 | 194.9 |
| 110° | 482.0 | 288.2 | 280.6 | 250.2 | 219.8 |



TEST NUMBER: P935774

CATALOG NUMBER: SQ4-FA-125U-125D-940-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (continued):

| | 330° | 337.5° | 340° | 350° | 360° |
|--------|-------|--------|-------|-------|-------|
| 112.5° | 482.1 | 309.4 | 302.1 | 273.1 | 244.1 |
| 115° | 486.6 | 341.2 | 334.5 | 307.7 | 280.9 |
| 117.5° | 495.7 | 372.0 | 365.9 | 341.6 | 317.3 |
| 120° | 503.1 | 389.9 | 384.2 | 361.3 | 338.4 |
| 122.5° | 513.6 | 411.1 | 405.3 | 382.2 | 359.1 |
| 125° | 527.8 | 438.1 | 432.9 | 411.9 | 390.8 |
| 127.5° | 542.0 | 464.3 | 459.0 | 437.8 | 416.6 |
| 130° | 552.5 | 481.8 | 476.1 | 453.2 | 430.3 |
| 132.5° | 560.9 | 496.1 | 490.4 | 467.5 | 444.6 |
| 135° | 570.1 | 512.6 | 507.4 | 486.6 | 465.8 |
| 137.5° | 583.9 | 533.8 | 528.6 | 507.9 | 487.3 |
| 140° | 592.4 | 548.1 | 543.3 | 524.3 | 505.3 |
| 142.5° | 599.4 | 558.6 | 554.2 | 536.6 | 519.0 |
| 145° | 608.5 | 574.7 | 570.9 | 555.5 | 540.3 |
| 147.5° | 622.0 | 595.0 | 591.2 | 576.3 | 561.4 |
| 150° | 629.1 | 605.5 | 602.2 | 588.7 | 575.2 |
| 152.5° | 633.8 | 612.5 | 609.9 | 599.7 | 589.5 |
| 155° | 643.8 | 627.5 | 625.7 | 618.1 | 610.6 |
| 157.5° | 653.9 | 642.7 | 640.9 | 633.6 | 626.2 |
| 160° | 658.5 | 649.7 | 648.2 | 642.5 | 636.8 |
| 162.5° | 663.4 | 657.0 | 656.0 | 651.6 | 647.4 |
| 165° | 670.5 | 667.6 | 666.6 | 662.7 | 658.8 |
| 167.5° | 676.0 | 673.5 | 673.1 | 671.2 | 669.5 |
| 170° | 680.7 | 680.5 | 680.0 | 678.2 | 676.3 |
| 172.5° | 680.9 | 680.9 | 680.8 | 680.4 | 680.0 |
| 175° | 683.7 | 685.1 | 685.1 | 685.1 | 685.1 |
| 177.5° | 684.0 | 685.1 | 685.1 | 685.1 | 685.1 |
| 180° | 685.1 | 685.1 | 685.1 | 685.1 | 685.1 |



TEST NUMBER: P935774
 CATALOG NUMBER: SQ4-FA-125U-125D-940-1D-UNV-STD-W-4

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 | 13.97 | 14.81 | 14.94 | 15.80 | 17.10 | 16.76 | 17.61 | 17.74 | 18.59 | 19.89 |
| | 3H | 14.44 | 15.20 | 15.43 | 16.20 | 17.51 | 18.10 | 18.85 | 19.08 | 19.85 | 21.17 |
| | 4H | 14.63 | 15.35 | 15.63 | 16.35 | 17.68 | 18.53 | 19.25 | 19.53 | 20.25 | 21.58 |
| | 6H | 14.75 | 15.41 | 15.76 | 16.42 | 17.76 | 18.81 | 19.47 | 19.82 | 20.48 | 21.82 |
| | 8H | 14.75 | 15.38 | 15.77 | 16.40 | 17.74 | 18.88 | 19.51 | 19.90 | 20.53 | 21.87 |
| | 12H | 14.72 | 15.32 | 15.74 | 16.33 | 17.70 | 18.91 | 19.51 | 19.93 | 20.53 | 21.89 |
| 4H | 2H | 14.99 | 15.71 | 15.99 | 16.71 | 18.03 | 17.17 | 17.89 | 18.18 | 18.89 | 20.22 |
| | 3H | 16.01 | 16.61 | 17.03 | 17.64 | 18.98 | 18.67 | 19.26 | 19.68 | 20.29 | 21.63 |
| | 4H | 16.29 | 16.84 | 17.31 | 17.86 | 19.22 | 19.19 | 19.73 | 20.21 | 20.75 | 22.12 |
| | 6H | 16.41 | 16.88 | 17.45 | 17.93 | 19.29 | 19.54 | 20.01 | 20.58 | 21.06 | 22.42 |
| | 8H | 16.42 | 16.86 | 17.45 | 17.90 | 19.27 | 19.65 | 20.08 | 20.68 | 21.12 | 22.50 |
| | 12H | 16.39 | 16.78 | 17.44 | 17.83 | 19.22 | 19.70 | 20.09 | 20.75 | 21.15 | 22.53 |
| 8H | 4H | 16.74 | 17.18 | 17.77 | 18.21 | 19.59 | 19.31 | 19.75 | 20.34 | 20.79 | 22.16 |
| | 6H | 17.00 | 17.36 | 18.05 | 18.44 | 19.81 | 19.74 | 20.10 | 20.80 | 21.18 | 22.55 |
| | 8H | 17.04 | 17.36 | 18.10 | 18.42 | 19.82 | 19.89 | 20.21 | 20.95 | 21.27 | 22.66 |
| | 12H | 17.02 | 17.30 | 18.09 | 18.36 | 19.80 | 19.98 | 20.26 | 21.05 | 21.32 | 22.75 |
| 12H | 4H | 16.74 | 17.14 | 17.79 | 18.19 | 19.57 | 19.28 | 19.67 | 20.33 | 20.72 | 22.11 |
| | 6H | 17.06 | 17.38 | 18.12 | 18.44 | 19.83 | 19.74 | 20.06 | 20.80 | 21.12 | 22.51 |
| | 8H | 17.12 | 17.40 | 18.19 | 18.46 | 19.90 | 19.89 | 20.17 | 20.96 | 21.23 | 22.67 |