

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: P935416

Luminaire Tested: SQ4-FA-125U-050D-835-1D-UNV-STD-W-8

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935416
REPORT IS A COMBINATION OF REPORTS P933756 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-125U-050D-835-1D-UNV-STD-W-8
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

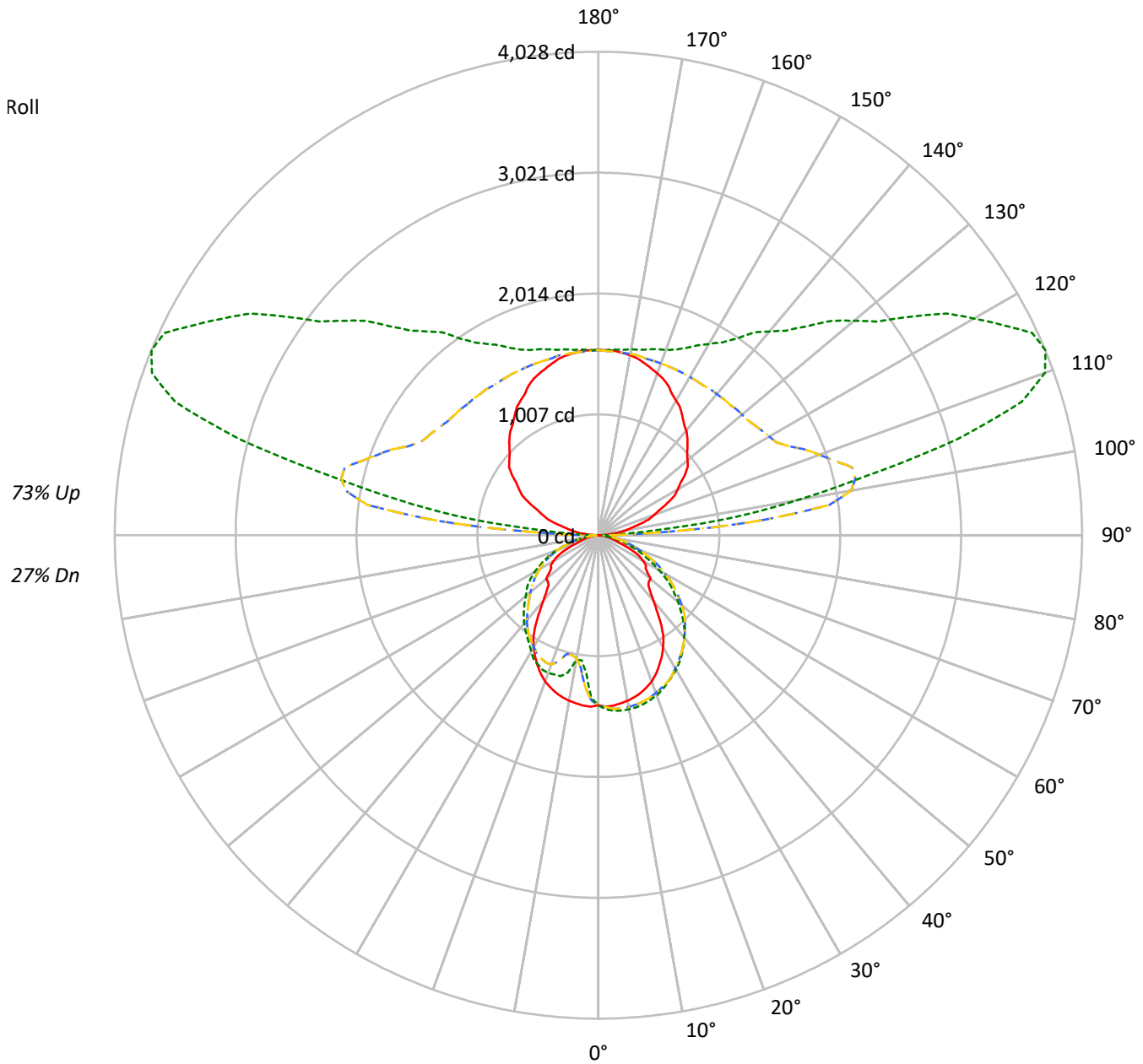
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13684.0 lumens
Efficiency: N/A
Efficacy: 143.7 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 8' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 95.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P935416
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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 | 102 | 102 | 102 | 102 | 91 | 91 | 91 | 91 | 71 | 71 | 71 | 52 | 52 | 52 | 35 | 35 | 35 | 27 | | | | 27 |
| 1 | 93 | 88 | 85 | 81 | 83 | 79 | 76 | 73 | 62 | 60 | 58 | 46 | 44 | 43 | 31 | 30 | 29 | 23 | | | | 23 |
| 2 | 84 | 77 | 71 | 66 | 75 | 69 | 64 | 60 | 54 | 51 | 48 | 40 | 38 | 36 | 27 | 26 | 25 | 19 | | | | 19 |
| 3 | 77 | 68 | 61 | 55 | 68 | 61 | 55 | 50 | 48 | 43 | 40 | 35 | 33 | 30 | 24 | 22 | 21 | 16 | | | | 16 |
| 4 | 70 | 60 | 52 | 47 | 62 | 54 | 47 | 42 | 42 | 38 | 34 | 31 | 28 | 26 | 21 | 20 | 18 | 14 | | | | 14 |
| 5 | 64 | 53 | 45 | 40 | 57 | 48 | 41 | 36 | 38 | 33 | 29 | 28 | 25 | 22 | 19 | 17 | 16 | 12 | | | | 12 |
| 6 | 59 | 48 | 40 | 34 | 53 | 43 | 36 | 31 | 34 | 29 | 25 | 25 | 22 | 19 | 17 | 15 | 14 | 10 | | | | 10 |
| 7 | 55 | 43 | 35 | 30 | 49 | 38 | 32 | 27 | 30 | 26 | 22 | 23 | 20 | 17 | 16 | 14 | 12 | 9 | | | | 9 |
| 8 | 50 | 39 | 31 | 26 | 45 | 35 | 28 | 24 | 28 | 23 | 19 | 21 | 18 | 15 | 15 | 12 | 11 | 8 | | | | 8 |
| 9 | 47 | 35 | 28 | 23 | 42 | 32 | 25 | 21 | 25 | 21 | 17 | 19 | 16 | 14 | 13 | 11 | 10 | 7 | | | | 7 |
| 10 | 44 | 32 | 25 | 20 | 39 | 29 | 23 | 19 | 23 | 19 | 15 | 18 | 14 | 12 | 12 | 10 | 9 | 7 | | | | 7 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|------|------|------|------|
| 0° | 6578 | 6578 | 6578 | 6578 |
| 5° | 6627 | 6640 | 6627 | 5221 |
| 10° | 6583 | 6541 | 6583 | 4676 |
| 15° | 6511 | 6399 | 6511 | 5343 |
| 20° | 6375 | 6231 | 6375 | 5355 |
| 25° | 6096 | 5986 | 6096 | 5241 |
| 30° | 5736 | 5783 | 5736 | 4992 |
| 35° | 5113 | 5526 | 5113 | 4718 |
| 40° | 4261 | 5223 | 4261 | 4511 |
| 45° | 3807 | 4869 | 3807 | 4274 |
| 50° | 4045 | 4447 | 4045 | 4035 |
| 55° | 3805 | 3991 | 3805 | 3896 |
| 60° | 3923 | 3390 | 3923 | 3569 |
| 65° | 3556 | 2802 | 3556 | 3132 |
| 70° | 2463 | 2233 | 2463 | 2625 |
| 75° | 2160 | 1651 | 2160 | 1977 |
| 80° | 1739 | 1091 | 1739 | 1188 |
| 85° | 1001 | 579 | 1001 | 491 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 5835 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 128.0 | 0.9 |
| 10°-20° | 363.4 | 2.7 |
| 20°-30° | 561.7 | 4.1 |
| 30°-40° | 670.5 | 4.9 |
| 40°-50° | 674.5 | 4.9 |
| 50°-60° | 586.9 | 4.3 |
| 60°-70° | 416.1 | 3.0 |
| 70°-80° | 220.1 | 1.6 |
| 80°-90° | 60.7 | 0.4 |
| 90°-100° | 752.1 | 5.5 |
| 100°-110° | 1977.3 | 14.4 |
| 110°-120° | 2050.2 | 15.0 |
| 120°-130° | 1644.5 | 12.0 |
| 130°-140° | 1290.4 | 9.4 |
| 140°-150° | 990.4 | 7.2 |
| 150°-160° | 713.3 | 5.2 |
| 160°-170° | 436.4 | 3.2 |
| 170°-180° | 147.4 | 1.1 |
| 0°-30° | 1053.0 | 7.7 |
| 0°-40° | 1723.6 | 12.6 |
| 0°-60° | 2984.9 | 21.8 |
| 0°-90° | 3681.9 | 26.9 |
| 90°-120° | 4779.7 | 34.9 |
| 90°-150° | 8705.0 | 63.6 |
| 90°-180° | 10002.0 | 73.1 |
| 0°-180° | 13684.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1418 | 1418 | 1418 | 1418 | 1418 | |
| 5° | 1424 | 1469 | 1424 | 1155 | 1424 | 135 |
| 15° | 1360 | 1455 | 1360 | 1215 | 1360 | 383 |
| 25° | 1198 | 1357 | 1198 | 1188 | 1198 | 550 |
| 35° | 911 | 1211 | 911 | 1034 | 911 | 563 |
| 45° | 588 | 998 | 588 | 876 | 588 | 471 |
| 55° | 479 | 736 | 479 | 719 | 479 | 440 |
| 65° | 333 | 444 | 333 | 496 | 333 | 318 |
| 75° | 126 | 211 | 126 | 252 | 126 | 133 |
| 85° | 22 | 54 | 22 | 46 | 22 | 29 |
| 90° | 10 | 39 | 10 | 39 | 10 | 9 |
| 95° | 99 | 455 | 99 | 455 | 99 | 110 |
| 105° | 356 | 3096 | 356 | 3096 | 356 | 378 |
| 115° | 633 | 3987 | 633 | 3987 | 633 | 625 |
| 125° | 880 | 3175 | 880 | 3175 | 880 | 781 |
| 135° | 1049 | 2464 | 1049 | 2464 | 1049 | 812 |
| 145° | 1217 | 1998 | 1217 | 1998 | 1217 | 762 |
| 155° | 1375 | 1721 | 1375 | 1721 | 1375 | 632 |
| 165° | 1484 | 1603 | 1484 | 1603 | 1484 | 419 |
| 175° | 1543 | 1553 | 1543 | 1553 | 1543 | 146 |
| 180° | 1543 | 1543 | 1543 | 1543 | 1543 | |



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CATALOG NUMBER: SQ4-FA-125U-050D-835-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1417.8 | 1417.8 | 1417.8 | 1417.8 | 1417.8 | 1417.8 | 1417.8 | 1417.8 | 1417.8 | 1417.8 | 1417.8 |
| 2.5° | 1429.8 | 1429.8 | 1437.9 | 1440.6 | 1440.6 | 1436.5 | 1432.5 | 1436.5 | 1448.6 | 1452.6 | 1451.3 |
| 5° | 1424.5 | 1435.2 | 1450.0 | 1452.6 | 1455.3 | 1454.0 | 1451.3 | 1454.0 | 1467.4 | 1470.1 | 1471.4 |
| 7.5° | 1413.7 | 1433.9 | 1452.6 | 1456.7 | 1460.7 | 1456.7 | 1455.3 | 1458.0 | 1471.4 | 1474.1 | 1474.1 |
| 10° | 1400.3 | 1428.5 | 1450.0 | 1452.6 | 1456.7 | 1452.6 | 1452.6 | 1458.0 | 1471.4 | 1474.1 | 1475.4 |
| 12.5° | 1381.5 | 1420.4 | 1440.6 | 1443.2 | 1448.6 | 1447.3 | 1445.9 | 1451.3 | 1464.7 | 1467.4 | 1467.4 |
| 15° | 1360.1 | 1405.7 | 1424.5 | 1427.1 | 1436.5 | 1433.9 | 1433.9 | 1439.2 | 1454.0 | 1458.0 | 1456.7 |
| 17.5° | 1330.6 | 1386.9 | 1408.4 | 1412.4 | 1419.1 | 1417.8 | 1419.1 | 1424.5 | 1437.9 | 1440.6 | 1441.9 |
| 20° | 1297.0 | 1361.4 | 1386.9 | 1390.9 | 1397.6 | 1397.6 | 1397.6 | 1404.3 | 1417.8 | 1423.1 | 1423.1 |
| 22.5° | 1251.4 | 1334.6 | 1361.4 | 1364.1 | 1372.2 | 1372.2 | 1374.8 | 1384.2 | 1396.3 | 1397.6 | 1397.6 |
| 25° | 1197.8 | 1305.1 | 1327.9 | 1335.9 | 1344.0 | 1348.0 | 1352.0 | 1357.4 | 1361.4 | 1360.1 | 1361.4 |
| 27.5° | 1141.5 | 1267.5 | 1297.0 | 1302.4 | 1313.1 | 1317.2 | 1322.5 | 1323.9 | 1325.2 | 1329.2 | 1326.6 |
| 30° | 1078.4 | 1215.2 | 1259.5 | 1264.9 | 1282.3 | 1285.0 | 1279.6 | 1282.3 | 1289.0 | 1291.7 | 1294.4 |
| 32.5° | 1007.3 | 1137.4 | 1220.6 | 1232.7 | 1248.8 | 1240.7 | 1239.4 | 1243.4 | 1254.1 | 1254.1 | 1256.8 |
| 35° | 910.7 | 1077.1 | 1184.4 | 1195.1 | 1207.2 | 1197.8 | 1203.2 | 1204.5 | 1211.2 | 1215.2 | 1213.9 |
| 37.5° | 804.8 | 1024.8 | 1146.8 | 1154.9 | 1164.3 | 1152.2 | 1160.2 | 1164.3 | 1169.6 | 1166.9 | 1166.9 |
| 40° | 710.9 | 942.9 | 1102.6 | 1107.9 | 1116.0 | 1106.6 | 1114.6 | 1117.3 | 1120.0 | 1117.3 | 1116.0 |
| 42.5° | 641.1 | 853.1 | 1055.6 | 1062.3 | 1056.9 | 1063.7 | 1066.3 | 1071.7 | 1067.7 | 1062.3 | 1062.3 |
| 45° | 587.5 | 828.9 | 1004.6 | 1012.7 | 1004.6 | 1015.4 | 1019.4 | 1019.4 | 1007.3 | 1004.6 | 1003.3 |
| 47.5° | 570.1 | 780.6 | 953.7 | 953.7 | 949.6 | 963.1 | 969.8 | 960.4 | 948.3 | 944.3 | 944.3 |
| 50° | 568.7 | 727.0 | 883.9 | 878.6 | 897.3 | 913.4 | 906.7 | 897.3 | 887.9 | 873.2 | 873.2 |
| 52.5° | 516.4 | 661.3 | 794.1 | 814.2 | 843.7 | 853.1 | 842.3 | 833.0 | 816.9 | 810.1 | 804.8 |
| 55° | 478.8 | 592.9 | 712.2 | 752.5 | 783.3 | 795.4 | 775.3 | 765.9 | 741.7 | 737.7 | 735.0 |
| 57.5° | 470.8 | 493.6 | 637.1 | 688.1 | 725.6 | 724.3 | 712.2 | 694.8 | 674.7 | 670.7 | 669.3 |
| 60° | 431.9 | 356.8 | 556.6 | 617.0 | 655.9 | 651.9 | 641.1 | 625.0 | 606.3 | 603.6 | 600.9 |
| 62.5° | 391.7 | 258.9 | 465.4 | 533.8 | 588.8 | 587.5 | 578.1 | 554.0 | 540.5 | 533.8 | 528.5 |
| 65° | 332.6 | 217.3 | 331.3 | 444.0 | 523.1 | 525.8 | 505.7 | 488.2 | 473.5 | 465.4 | 464.1 |
| 67.5° | 253.5 | 177.1 | 224.0 | 370.2 | 460.1 | 457.4 | 431.9 | 423.9 | 405.1 | 401.1 | 393.0 |
| 70° | 187.8 | 118.0 | 155.6 | 300.5 | 398.4 | 391.7 | 371.5 | 362.2 | 344.7 | 335.3 | 330.0 |
| 72.5° | 155.6 | 95.2 | 114.0 | 233.4 | 335.3 | 327.3 | 309.8 | 299.1 | 284.4 | 276.3 | 270.9 |
| 75° | 126.1 | 100.6 | 87.2 | 173.0 | 272.3 | 266.9 | 250.8 | 240.1 | 228.0 | 217.3 | 218.6 |
| 77.5° | 92.6 | 93.9 | 69.7 | 127.4 | 216.0 | 207.9 | 198.5 | 185.1 | 179.7 | 169.0 | 169.0 |
| 80° | 69.7 | 73.8 | 52.3 | 87.2 | 155.6 | 155.6 | 147.5 | 138.2 | 128.8 | 123.4 | 123.4 |
| 82.5° | 46.9 | 46.9 | 38.9 | 55.0 | 106.0 | 101.9 | 96.6 | 93.9 | 88.5 | 85.8 | 85.8 |
| 85° | 21.5 | 26.8 | 24.1 | 33.5 | 57.7 | 60.4 | 60.4 | 57.7 | 56.3 | 53.7 | 55.0 |
| 87.5° | 6.7 | 12.1 | 14.8 | 18.8 | 29.5 | 30.9 | 32.2 | 32.2 | 32.2 | 33.5 | 33.5 |
| 90° | 10.4 | 18.7 | 26.9 | 29.0 | 45.6 | 67.7 | 78.7 | 69.9 | 52.4 | 39.3 | 39.3 |
| 92.5° | 41.4 | 111.8 | 182.3 | 199.9 | 281.0 | 389.1 | 443.2 | 388.4 | 278.9 | 196.7 | 188.9 |
| 95° | 99.4 | 228.3 | 357.2 | 389.4 | 691.4 | 1094.1 | 1295.4 | 1156.0 | 877.1 | 667.9 | 644.2 |
| 97.5° | 171.9 | 285.6 | 399.3 | 427.7 | 931.3 | 1602.8 | 1938.5 | 1850.4 | 1674.1 | 1541.9 | 1496.8 |
| 100° | 227.8 | 330.9 | 434.0 | 459.8 | 1018.6 | 1763.7 | 2136.3 | 2142.7 | 2155.6 | 2165.3 | 2111.6 |
| 102.5° | 275.4 | 371.6 | 467.8 | 491.9 | 1058.7 | 1814.4 | 2192.2 | 2304.5 | 2529.1 | 2697.5 | 2651.5 |
| 105° | 356.2 | 437.7 | 519.1 | 539.5 | 1088.3 | 1820.1 | 2186.0 | 2437.7 | 2941.2 | 3318.8 | 3294.1 |
| 107.5° | 439.1 | 515.0 | 590.9 | 609.9 | 1093.8 | 1739.1 | 2061.7 | 2412.9 | 3115.2 | 3641.9 | 3647.9 |
| 110° | 495.0 | 563.6 | 632.2 | 649.3 | 1085.6 | 1667.3 | 1958.2 | 2350.8 | 3135.9 | 3724.7 | 3750.5 |



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CANDELA DISTRIBUTION (continued):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 549.9 | 615.2 | 680.6 | 696.9 | 1085.9 | 1604.6 | 1863.9 | 2265.7 | 3069.2 | 3671.9 | 3711.5 |
| 115° | 632.7 | 693.0 | 753.2 | 768.3 | 1095.9 | 1532.7 | 1751.1 | 2138.1 | 2912.2 | 3492.8 | 3547.7 |
| 117.5° | 714.5 | 769.3 | 824.0 | 837.7 | 1116.3 | 1487.7 | 1673.4 | 2022.7 | 2721.3 | 3245.3 | 3306.2 |
| 120° | 762.1 | 813.7 | 865.2 | 878.1 | 1132.8 | 1472.5 | 1642.3 | 1961.5 | 2599.8 | 3078.6 | 3137.7 |
| 122.5° | 808.7 | 860.7 | 912.7 | 925.7 | 1156.6 | 1464.5 | 1618.5 | 1905.9 | 2480.8 | 2911.9 | 2970.2 |
| 125° | 880.2 | 927.6 | 975.0 | 986.8 | 1188.7 | 1458.0 | 1592.6 | 1836.8 | 2325.1 | 2691.3 | 2745.0 |
| 127.5° | 938.2 | 986.1 | 1033.9 | 1045.9 | 1220.9 | 1454.2 | 1570.9 | 1780.5 | 2199.8 | 2514.2 | 2559.5 |
| 130° | 969.2 | 1020.8 | 1072.3 | 1085.2 | 1244.3 | 1456.5 | 1562.6 | 1749.2 | 2122.5 | 2402.4 | 2444.3 |
| 132.5° | 1001.3 | 1052.9 | 1104.4 | 1117.3 | 1263.3 | 1458.0 | 1555.3 | 1722.4 | 2056.5 | 2307.1 | 2344.6 |
| 135° | 1049.0 | 1095.9 | 1142.9 | 1154.6 | 1284.0 | 1456.6 | 1542.9 | 1682.8 | 1962.6 | 2172.5 | 2204.8 |
| 137.5° | 1097.6 | 1144.1 | 1190.6 | 1202.2 | 1315.1 | 1465.6 | 1540.8 | 1659.1 | 1895.7 | 2073.1 | 2099.6 |
| 140° | 1138.0 | 1180.8 | 1223.6 | 1234.3 | 1334.1 | 1467.1 | 1533.6 | 1635.8 | 1840.1 | 1993.4 | 2018.1 |
| 142.5° | 1169.1 | 1208.7 | 1248.2 | 1258.1 | 1349.9 | 1472.4 | 1533.6 | 1623.3 | 1802.8 | 1937.4 | 1958.7 |
| 145° | 1216.7 | 1251.2 | 1285.8 | 1294.4 | 1370.7 | 1472.4 | 1523.2 | 1596.6 | 1743.5 | 1853.6 | 1869.7 |
| 147.5° | 1264.4 | 1298.0 | 1331.6 | 1340.0 | 1401.1 | 1482.5 | 1523.2 | 1581.0 | 1696.5 | 1783.2 | 1796.5 |
| 150° | 1295.4 | 1325.8 | 1356.2 | 1363.8 | 1416.9 | 1487.8 | 1523.2 | 1572.0 | 1669.6 | 1742.8 | 1753.6 |
| 152.5° | 1327.5 | 1350.5 | 1373.5 | 1379.3 | 1427.3 | 1491.2 | 1523.2 | 1564.9 | 1648.2 | 1710.7 | 1718.9 |
| 155° | 1375.2 | 1392.2 | 1409.2 | 1413.5 | 1450.1 | 1498.8 | 1523.2 | 1556.4 | 1622.7 | 1672.4 | 1677.8 |
| 157.5° | 1410.4 | 1426.9 | 1443.5 | 1447.6 | 1472.8 | 1506.4 | 1523.2 | 1549.0 | 1600.5 | 1639.2 | 1643.0 |
| 160° | 1434.2 | 1447.1 | 1460.0 | 1463.2 | 1483.2 | 1509.9 | 1523.2 | 1545.3 | 1589.5 | 1622.6 | 1624.8 |
| 162.5° | 1458.0 | 1467.6 | 1477.3 | 1479.7 | 1494.2 | 1513.5 | 1523.2 | 1541.8 | 1579.1 | 1607.1 | 1609.2 |
| 165° | 1483.9 | 1492.7 | 1501.4 | 1503.6 | 1510.1 | 1518.8 | 1523.2 | 1536.6 | 1563.3 | 1583.3 | 1585.5 |
| 167.5° | 1507.7 | 1511.8 | 1516.0 | 1517.0 | 1522.5 | 1529.9 | 1533.6 | 1542.3 | 1559.8 | 1572.9 | 1573.8 |
| 170° | 1523.2 | 1527.4 | 1531.6 | 1532.6 | 1532.9 | 1533.4 | 1533.6 | 1542.3 | 1559.8 | 1572.9 | 1572.9 |
| 172.5° | 1531.5 | 1532.4 | 1533.4 | 1533.6 | 1533.6 | 1533.6 | 1533.6 | 1540.5 | 1554.3 | 1564.7 | 1563.9 |
| 175° | 1542.9 | 1542.9 | 1542.9 | 1542.9 | 1539.8 | 1535.7 | 1533.6 | 1538.0 | 1546.7 | 1553.3 | 1553.3 |
| 177.5° | 1542.9 | 1542.9 | 1542.9 | 1542.9 | 1540.5 | 1537.3 | 1535.7 | 1539.1 | 1546.0 | 1551.2 | 1550.3 |
| 180° | 1542.9 | 1542.9 | 1542.9 | 1542.9 | 1542.9 | 1542.9 | 1542.9 | 1542.9 | 1542.9 | 1542.9 | 1542.9 |



TEST NUMBER: P935416
 CATALOG NUMBER: SQ4-FA-125U-050D-835-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

| | 80° | 90° | 100° | 110° | 112.5° | 120° | 130° | 135° | 140° | 150° | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1417.8 | 1417.8 | 1417.8 | 1417.8 | 1417.8 | 1417.8 | 1417.8 | 1417.8 | 1417.8 | 1417.8 | 1417.8 |
| 2.5° | 1454.0 | 1450.0 | 1454.0 | 1451.3 | 1452.6 | 1448.6 | 1436.5 | 1432.5 | 1436.5 | 1440.6 | 1440.6 |
| 5° | 1471.4 | 1468.7 | 1471.4 | 1471.4 | 1470.1 | 1467.4 | 1454.0 | 1451.3 | 1454.0 | 1455.3 | 1452.6 |
| 7.5° | 1476.8 | 1472.8 | 1476.8 | 1474.1 | 1474.1 | 1471.4 | 1458.0 | 1455.3 | 1456.7 | 1460.7 | 1456.7 |
| 10° | 1476.8 | 1472.8 | 1476.8 | 1475.4 | 1474.1 | 1471.4 | 1458.0 | 1452.6 | 1452.6 | 1456.7 | 1452.6 |
| 12.5° | 1470.1 | 1467.4 | 1470.1 | 1467.4 | 1467.4 | 1464.7 | 1451.3 | 1445.9 | 1447.3 | 1448.6 | 1443.2 |
| 15° | 1459.3 | 1455.3 | 1459.3 | 1456.7 | 1458.0 | 1454.0 | 1439.2 | 1433.9 | 1433.9 | 1436.5 | 1427.1 |
| 17.5° | 1443.2 | 1437.9 | 1443.2 | 1441.9 | 1440.6 | 1437.9 | 1424.5 | 1419.1 | 1417.8 | 1419.1 | 1412.4 |
| 20° | 1424.5 | 1420.4 | 1424.5 | 1423.1 | 1423.1 | 1417.8 | 1404.3 | 1397.6 | 1397.6 | 1397.6 | 1390.9 |
| 22.5° | 1395.0 | 1390.9 | 1395.0 | 1397.6 | 1397.6 | 1396.3 | 1384.2 | 1374.8 | 1372.2 | 1372.2 | 1364.1 |
| 25° | 1361.4 | 1357.4 | 1361.4 | 1361.4 | 1360.1 | 1361.4 | 1357.4 | 1352.0 | 1348.0 | 1344.0 | 1335.9 |
| 27.5° | 1329.2 | 1326.6 | 1329.2 | 1326.6 | 1329.2 | 1325.2 | 1323.9 | 1322.5 | 1317.2 | 1313.1 | 1302.4 |
| 30° | 1297.0 | 1294.4 | 1297.0 | 1294.4 | 1291.7 | 1289.0 | 1282.3 | 1279.6 | 1285.0 | 1282.3 | 1264.9 |
| 32.5° | 1256.8 | 1254.1 | 1256.8 | 1256.8 | 1254.1 | 1254.1 | 1243.4 | 1239.4 | 1240.7 | 1248.8 | 1232.7 |
| 35° | 1215.2 | 1211.2 | 1215.2 | 1213.9 | 1215.2 | 1211.2 | 1204.5 | 1203.2 | 1197.8 | 1207.2 | 1195.1 |
| 37.5° | 1166.9 | 1162.9 | 1166.9 | 1166.9 | 1166.9 | 1169.6 | 1164.3 | 1160.2 | 1152.2 | 1164.3 | 1154.9 |
| 40° | 1117.3 | 1111.9 | 1117.3 | 1116.0 | 1117.3 | 1120.0 | 1117.3 | 1114.6 | 1106.6 | 1116.0 | 1107.9 |
| 42.5° | 1061.0 | 1059.6 | 1061.0 | 1062.3 | 1062.3 | 1067.7 | 1071.7 | 1066.3 | 1063.7 | 1056.9 | 1062.3 |
| 45° | 1000.6 | 997.9 | 1000.6 | 1003.3 | 1004.6 | 1007.3 | 1019.4 | 1019.4 | 1015.4 | 1004.6 | 1012.7 |
| 47.5° | 936.2 | 929.5 | 936.2 | 944.3 | 944.3 | 948.3 | 960.4 | 969.8 | 963.1 | 949.6 | 953.7 |
| 50° | 867.8 | 869.2 | 867.8 | 873.2 | 873.2 | 887.9 | 897.3 | 906.7 | 913.4 | 897.3 | 878.6 |
| 52.5° | 800.8 | 799.4 | 800.8 | 804.8 | 810.1 | 816.9 | 833.0 | 842.3 | 853.1 | 843.7 | 814.2 |
| 55° | 733.7 | 736.4 | 733.7 | 735.0 | 737.7 | 741.7 | 765.9 | 775.3 | 795.4 | 783.3 | 752.5 |
| 57.5° | 666.6 | 662.6 | 666.6 | 669.3 | 670.7 | 674.7 | 694.8 | 712.2 | 724.3 | 725.6 | 688.1 |
| 60° | 588.8 | 583.5 | 588.8 | 600.9 | 603.6 | 606.3 | 625.0 | 641.1 | 651.9 | 655.9 | 617.0 |
| 62.5° | 520.4 | 511.0 | 520.4 | 528.5 | 533.8 | 540.5 | 554.0 | 578.1 | 587.5 | 588.8 | 533.8 |
| 65° | 448.0 | 444.0 | 448.0 | 464.1 | 465.4 | 473.5 | 488.2 | 505.7 | 525.8 | 523.1 | 444.0 |
| 67.5° | 382.3 | 382.3 | 382.3 | 393.0 | 401.1 | 405.1 | 423.9 | 431.9 | 457.4 | 460.1 | 370.2 |
| 70° | 321.9 | 320.6 | 321.9 | 330.0 | 335.3 | 344.7 | 362.2 | 371.5 | 391.7 | 398.4 | 300.5 |
| 72.5° | 264.2 | 262.9 | 264.2 | 270.9 | 276.3 | 284.4 | 299.1 | 309.8 | 327.3 | 335.3 | 233.4 |
| 75° | 213.3 | 210.6 | 213.3 | 218.6 | 217.3 | 228.0 | 240.1 | 250.8 | 266.9 | 272.3 | 173.0 |
| 77.5° | 163.6 | 163.6 | 163.6 | 169.0 | 169.0 | 179.7 | 185.1 | 198.5 | 207.9 | 216.0 | 127.4 |
| 80° | 122.1 | 120.7 | 122.1 | 123.4 | 123.4 | 128.8 | 138.2 | 147.5 | 155.6 | 155.6 | 87.2 |
| 82.5° | 85.8 | 83.2 | 85.8 | 85.8 | 85.8 | 88.5 | 93.9 | 96.6 | 101.9 | 106.0 | 55.0 |
| 85° | 53.7 | 53.7 | 53.7 | 55.0 | 53.7 | 56.3 | 57.7 | 60.4 | 60.4 | 57.7 | 33.5 |
| 87.5° | 34.9 | 33.5 | 34.9 | 33.5 | 33.5 | 32.2 | 32.2 | 32.2 | 30.9 | 29.5 | 18.8 |
| 90° | 39.3 | 39.3 | 39.3 | 39.3 | 39.3 | 52.4 | 69.9 | 78.7 | 67.7 | 45.6 | 29.0 |
| 92.5° | 157.6 | 126.3 | 157.6 | 188.9 | 196.7 | 278.9 | 388.4 | 443.2 | 389.1 | 281.0 | 199.9 |
| 95° | 549.4 | 454.6 | 549.4 | 644.2 | 667.9 | 877.1 | 1156.0 | 1295.4 | 1094.1 | 691.4 | 389.4 |
| 97.5° | 1316.4 | 1136.0 | 1316.4 | 1496.8 | 1541.9 | 1674.1 | 1850.4 | 1938.5 | 1602.8 | 931.3 | 427.7 |
| 100° | 1896.6 | 1681.7 | 1896.6 | 2111.6 | 2165.3 | 2155.6 | 2142.7 | 2136.3 | 1763.7 | 1018.6 | 459.8 |
| 102.5° | 2467.4 | 2283.3 | 2467.4 | 2651.5 | 2697.5 | 2529.1 | 2304.5 | 2192.2 | 1814.4 | 1058.7 | 491.9 |
| 105° | 3195.1 | 3096.2 | 3195.1 | 3294.1 | 3318.8 | 2941.2 | 2437.7 | 2186.0 | 1820.1 | 1088.3 | 539.5 |
| 107.5° | 3671.8 | 3695.7 | 3671.8 | 3647.9 | 3641.9 | 3115.2 | 2412.9 | 2061.7 | 1739.1 | 1093.8 | 609.9 |
| 110° | 3853.6 | 3956.7 | 3853.6 | 3750.5 | 3724.7 | 3135.9 | 2350.8 | 1958.2 | 1667.3 | 1085.6 | 649.3 |



TEST NUMBER: P935416

CATALOG NUMBER: SQ4-FA-125U-050D-835-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

| | 80° | 90° | 100° | 110° | 112.5° | 120° | 130° | 135° | 140° | 150° | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 3869.8 | 4028.1 | 3869.8 | 3711.5 | 3671.9 | 3069.2 | 2265.7 | 1863.9 | 1604.6 | 1085.9 | 696.9 |
| 115° | 3767.2 | 3986.7 | 3767.2 | 3547.7 | 3492.8 | 2912.2 | 2138.1 | 1751.1 | 1532.7 | 1095.9 | 768.3 |
| 117.5° | 3549.6 | 3793.1 | 3549.6 | 3306.2 | 3245.3 | 2721.3 | 2022.7 | 1673.4 | 1487.7 | 1116.3 | 837.7 |
| 120° | 3374.3 | 3610.8 | 3374.3 | 3137.7 | 3078.6 | 2599.8 | 1961.5 | 1642.3 | 1472.5 | 1132.8 | 878.1 |
| 122.5° | 3203.6 | 3436.9 | 3203.6 | 2970.2 | 2911.9 | 2480.8 | 1905.9 | 1618.5 | 1464.5 | 1156.6 | 925.7 |
| 125° | 2960.0 | 3174.9 | 2960.0 | 2745.0 | 2691.3 | 2325.1 | 1836.8 | 1592.6 | 1458.0 | 1188.7 | 986.8 |
| 127.5° | 2740.9 | 2922.2 | 2740.9 | 2559.5 | 2514.2 | 2199.8 | 1780.5 | 1570.9 | 1454.2 | 1220.9 | 1045.9 |
| 130° | 2611.8 | 2779.3 | 2611.8 | 2444.3 | 2402.4 | 2122.5 | 1749.2 | 1562.6 | 1456.5 | 1244.3 | 1085.2 |
| 132.5° | 2494.7 | 2644.7 | 2494.7 | 2344.6 | 2307.1 | 2056.5 | 1722.4 | 1555.3 | 1458.0 | 1263.3 | 1117.3 |
| 135° | 2334.2 | 2463.5 | 2334.2 | 2204.8 | 2172.5 | 1962.6 | 1682.8 | 1542.9 | 1456.6 | 1284.0 | 1154.6 |
| 137.5° | 2205.4 | 2311.3 | 2205.4 | 2099.6 | 2073.1 | 1895.7 | 1659.1 | 1540.8 | 1465.6 | 1315.1 | 1202.2 |
| 140° | 2117.1 | 2216.0 | 2117.1 | 2018.1 | 1993.4 | 1840.1 | 1635.8 | 1533.6 | 1467.1 | 1334.1 | 1234.3 |
| 142.5° | 2043.8 | 2129.0 | 2043.8 | 1958.7 | 1937.4 | 1802.8 | 1623.3 | 1533.6 | 1472.4 | 1349.9 | 1258.1 |
| 145° | 1934.1 | 1998.5 | 1934.1 | 1869.7 | 1853.6 | 1743.5 | 1596.6 | 1523.2 | 1472.4 | 1370.7 | 1294.4 |
| 147.5° | 1849.9 | 1903.3 | 1849.9 | 1796.5 | 1783.2 | 1696.5 | 1581.0 | 1523.2 | 1482.5 | 1401.1 | 1340.0 |
| 150° | 1796.9 | 1840.1 | 1796.9 | 1753.6 | 1742.8 | 1669.6 | 1572.0 | 1523.2 | 1487.8 | 1416.9 | 1363.8 |
| 152.5° | 1751.5 | 1784.2 | 1751.5 | 1718.9 | 1710.7 | 1648.2 | 1564.9 | 1523.2 | 1491.2 | 1427.3 | 1379.3 |
| 155° | 1699.4 | 1721.0 | 1699.4 | 1677.8 | 1672.4 | 1622.7 | 1556.4 | 1523.2 | 1498.8 | 1450.1 | 1413.5 |
| 157.5° | 1658.2 | 1673.4 | 1658.2 | 1643.0 | 1639.2 | 1600.5 | 1549.0 | 1523.2 | 1506.4 | 1472.8 | 1447.6 |
| 160° | 1633.5 | 1642.3 | 1633.5 | 1624.8 | 1622.6 | 1589.5 | 1545.3 | 1523.2 | 1509.9 | 1483.2 | 1463.2 |
| 162.5° | 1617.5 | 1625.8 | 1617.5 | 1609.2 | 1607.1 | 1579.1 | 1541.8 | 1523.2 | 1513.5 | 1494.2 | 1479.7 |
| 165° | 1594.2 | 1603.0 | 1594.2 | 1585.5 | 1583.3 | 1563.3 | 1536.6 | 1523.2 | 1518.8 | 1510.1 | 1503.6 |
| 167.5° | 1577.5 | 1581.2 | 1577.5 | 1573.8 | 1572.9 | 1559.8 | 1542.3 | 1533.6 | 1529.9 | 1522.5 | 1517.0 |
| 170° | 1572.9 | 1572.9 | 1572.9 | 1572.9 | 1572.9 | 1559.8 | 1542.3 | 1533.6 | 1533.4 | 1532.9 | 1532.6 |
| 172.5° | 1560.6 | 1557.4 | 1560.6 | 1563.9 | 1564.7 | 1554.3 | 1540.5 | 1533.6 | 1533.6 | 1533.6 | 1533.6 |
| 175° | 1553.3 | 1553.3 | 1553.3 | 1553.3 | 1553.3 | 1546.7 | 1538.0 | 1533.6 | 1535.7 | 1539.8 | 1542.9 |
| 177.5° | 1546.6 | 1542.9 | 1546.6 | 1550.3 | 1551.2 | 1546.0 | 1539.1 | 1535.7 | 1537.3 | 1540.5 | 1542.9 |
| 180° | 1542.9 | 1542.9 | 1542.9 | 1542.9 | 1542.9 | 1542.9 | 1542.9 | 1542.9 | 1542.9 | 1542.9 | 1542.9 |



TEST NUMBER: P935416

CATALOG NUMBER: SQ4-FA-125U-050D-835-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

| | 160° | 170° | 180° | 190° | 200° | 202.5° | 210° | 220° | 225° | 230° | 240° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1417.8 | 1417.8 | 1417.8 | 1417.8 | 1417.8 | 1417.8 | 1417.8 | 1417.8 | 1417.8 | 1417.8 | 1417.8 |
| 2.5° | 1437.9 | 1429.8 | 1429.8 | 1416.4 | 1411.1 | 1407.0 | 1400.3 | 1380.2 | 1374.8 | 1369.5 | 1377.5 |
| 5° | 1450.0 | 1435.2 | 1424.5 | 1400.3 | 1380.2 | 1372.2 | 1346.7 | 1298.4 | 1266.2 | 1242.0 | 1228.6 |
| 7.5° | 1452.6 | 1433.9 | 1413.7 | 1376.2 | 1327.9 | 1306.4 | 1228.6 | 1140.1 | 1116.0 | 1094.5 | 1081.1 |
| 10° | 1450.0 | 1428.5 | 1400.3 | 1344.0 | 1230.0 | 1192.4 | 1114.6 | 1056.9 | 1042.2 | 1038.2 | 1042.2 |
| 12.5° | 1440.6 | 1420.4 | 1381.5 | 1287.7 | 1128.0 | 1102.6 | 1056.9 | 1023.4 | 1020.7 | 1027.4 | 1063.7 |
| 15° | 1424.5 | 1405.7 | 1360.1 | 1212.5 | 1071.7 | 1052.9 | 1020.7 | 1008.7 | 1023.4 | 1070.4 | 1179.0 |
| 17.5° | 1408.4 | 1386.9 | 1330.6 | 1138.8 | 1028.8 | 1015.4 | 992.6 | 1016.7 | 1099.9 | 1162.9 | 1199.1 |
| 20° | 1386.9 | 1361.4 | 1297.0 | 1085.1 | 997.9 | 985.9 | 975.1 | 1083.8 | 1146.8 | 1169.6 | 1189.7 |
| 22.5° | 1361.4 | 1334.6 | 1251.4 | 1047.6 | 965.7 | 956.4 | 963.1 | 1121.3 | 1146.8 | 1162.9 | 1180.3 |
| 25° | 1327.9 | 1305.1 | 1197.8 | 1018.1 | 940.3 | 929.5 | 955.0 | 1117.3 | 1132.1 | 1136.1 | 1171.0 |
| 27.5° | 1297.0 | 1267.5 | 1141.5 | 991.2 | 909.4 | 905.4 | 961.7 | 1099.9 | 1110.6 | 1114.6 | 1152.2 |
| 30° | 1259.5 | 1215.2 | 1078.4 | 963.1 | 877.2 | 875.9 | 963.1 | 1078.4 | 1075.7 | 1086.5 | 1124.0 |
| 32.5° | 1220.6 | 1137.4 | 1007.3 | 928.2 | 846.4 | 845.0 | 953.7 | 1046.2 | 1043.5 | 1058.3 | 1086.5 |
| 35° | 1184.4 | 1077.1 | 910.7 | 887.9 | 807.5 | 808.8 | 930.9 | 1008.7 | 1010.0 | 1023.4 | 1040.9 |
| 37.5° | 1146.8 | 1024.8 | 804.8 | 843.7 | 769.9 | 769.9 | 900.0 | 973.8 | 971.1 | 975.1 | 999.3 |
| 40° | 1102.6 | 942.9 | 710.9 | 786.0 | 735.0 | 731.0 | 862.5 | 936.2 | 926.8 | 925.5 | 959.0 |
| 42.5° | 1055.6 | 853.1 | 641.1 | 709.6 | 694.8 | 689.4 | 816.9 | 890.6 | 873.2 | 877.2 | 920.1 |
| 45° | 1004.6 | 828.9 | 587.5 | 599.6 | 653.2 | 649.2 | 767.2 | 838.3 | 826.2 | 837.0 | 881.2 |
| 47.5° | 953.7 | 780.6 | 570.1 | 497.6 | 609.0 | 607.6 | 712.2 | 787.3 | 780.6 | 791.4 | 838.3 |
| 50° | 883.9 | 727.0 | 568.7 | 426.5 | 559.3 | 564.7 | 646.5 | 737.7 | 737.7 | 747.1 | 796.7 |
| 52.5° | 794.1 | 661.3 | 516.4 | 386.3 | 501.6 | 517.7 | 588.8 | 694.8 | 697.5 | 706.9 | 751.1 |
| 55° | 712.2 | 592.9 | 478.8 | 355.4 | 433.2 | 468.1 | 532.5 | 650.5 | 655.9 | 665.3 | 705.5 |
| 57.5° | 637.1 | 493.6 | 470.8 | 319.2 | 370.2 | 403.7 | 482.9 | 607.6 | 610.3 | 618.3 | 657.2 |
| 60° | 556.6 | 356.8 | 431.9 | 280.3 | 315.2 | 340.7 | 437.3 | 556.6 | 566.0 | 571.4 | 604.9 |
| 62.5° | 465.4 | 258.9 | 391.7 | 253.5 | 288.4 | 293.7 | 399.7 | 508.4 | 520.4 | 524.5 | 544.6 |
| 65° | 331.3 | 217.3 | 332.6 | 230.7 | 260.2 | 261.6 | 359.5 | 458.7 | 469.5 | 476.2 | 490.9 |
| 67.5° | 224.0 | 177.1 | 253.5 | 209.2 | 238.8 | 240.1 | 320.6 | 401.1 | 415.8 | 421.2 | 430.6 |
| 70° | 155.6 | 118.0 | 187.8 | 186.4 | 214.6 | 217.3 | 279.0 | 348.7 | 362.2 | 366.2 | 371.5 |
| 72.5° | 114.0 | 95.2 | 155.6 | 167.7 | 189.1 | 191.8 | 236.1 | 289.7 | 303.1 | 307.2 | 309.8 |
| 75° | 87.2 | 100.6 | 126.1 | 146.2 | 161.0 | 162.3 | 193.1 | 236.1 | 245.5 | 248.1 | 249.5 |
| 77.5° | 69.7 | 93.9 | 92.6 | 118.0 | 131.4 | 128.8 | 151.6 | 182.4 | 190.5 | 190.5 | 190.5 |
| 80° | 52.3 | 73.8 | 69.7 | 84.5 | 96.6 | 93.9 | 108.6 | 130.1 | 132.8 | 135.5 | 134.1 |
| 82.5° | 38.9 | 46.9 | 46.9 | 53.7 | 64.4 | 61.7 | 72.4 | 84.5 | 84.5 | 84.5 | 87.2 |
| 85° | 24.1 | 26.8 | 21.5 | 28.2 | 36.2 | 34.9 | 40.2 | 45.6 | 46.9 | 46.9 | 44.3 |
| 87.5° | 14.8 | 12.1 | 6.7 | 10.7 | 16.1 | 16.1 | 18.8 | 20.1 | 18.8 | 18.8 | 18.8 |
| 90° | 26.9 | 18.7 | 10.4 | 18.7 | 26.9 | 29.0 | 45.6 | 67.7 | 78.7 | 69.9 | 52.4 |
| 92.5° | 182.3 | 111.8 | 41.4 | 111.8 | 182.3 | 199.9 | 281.0 | 389.1 | 443.2 | 388.4 | 278.9 |
| 95° | 357.2 | 228.3 | 99.4 | 228.3 | 357.2 | 389.4 | 691.4 | 1094.1 | 1295.4 | 1156.0 | 877.1 |
| 97.5° | 399.3 | 285.6 | 171.9 | 285.6 | 399.3 | 427.7 | 931.3 | 1602.8 | 1938.5 | 1850.4 | 1674.1 |
| 100° | 434.0 | 330.9 | 227.8 | 330.9 | 434.0 | 459.8 | 1018.6 | 1763.7 | 2136.3 | 2142.7 | 2155.6 |
| 102.5° | 467.8 | 371.6 | 275.4 | 371.6 | 467.8 | 491.9 | 1058.7 | 1814.4 | 2192.2 | 2304.5 | 2529.1 |
| 105° | 519.1 | 437.7 | 356.2 | 437.7 | 519.1 | 539.5 | 1088.3 | 1820.1 | 2186.0 | 2437.7 | 2941.2 |
| 107.5° | 590.9 | 515.0 | 439.1 | 515.0 | 590.9 | 609.9 | 1093.8 | 1739.1 | 2061.7 | 2412.9 | 3115.2 |
| 110° | 632.2 | 563.6 | 495.0 | 563.6 | 632.2 | 649.3 | 1085.6 | 1667.3 | 1958.2 | 2350.8 | 3135.9 |



TEST NUMBER: P935416

CATALOG NUMBER: SQ4-FA-125U-050D-835-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

| | 160° | 170° | 180° | 190° | 200° | 202.5° | 210° | 220° | 225° | 230° | 240° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 680.6 | 615.2 | 549.9 | 615.2 | 680.6 | 696.9 | 1085.9 | 1604.6 | 1863.9 | 2265.7 | 3069.2 |
| 115° | 753.2 | 693.0 | 632.7 | 693.0 | 753.2 | 768.3 | 1095.9 | 1532.7 | 1751.1 | 2138.1 | 2912.2 |
| 117.5° | 824.0 | 769.3 | 714.5 | 769.3 | 824.0 | 837.7 | 1116.3 | 1487.7 | 1673.4 | 2022.7 | 2721.3 |
| 120° | 865.2 | 813.7 | 762.1 | 813.7 | 865.2 | 878.1 | 1132.8 | 1472.5 | 1642.3 | 1961.5 | 2599.8 |
| 122.5° | 912.7 | 860.7 | 808.7 | 860.7 | 912.7 | 925.7 | 1156.6 | 1464.5 | 1618.5 | 1905.9 | 2480.8 |
| 125° | 975.0 | 927.6 | 880.2 | 927.6 | 975.0 | 986.8 | 1188.7 | 1458.0 | 1592.6 | 1836.8 | 2325.1 |
| 127.5° | 1033.9 | 986.1 | 938.2 | 986.1 | 1033.9 | 1045.9 | 1220.9 | 1454.2 | 1570.9 | 1780.5 | 2199.8 |
| 130° | 1072.3 | 1020.8 | 969.2 | 1020.8 | 1072.3 | 1085.2 | 1244.3 | 1456.5 | 1562.6 | 1749.2 | 2122.5 |
| 132.5° | 1104.4 | 1052.9 | 1001.3 | 1052.9 | 1104.4 | 1117.3 | 1263.3 | 1458.0 | 1555.3 | 1722.4 | 2056.5 |
| 135° | 1142.9 | 1095.9 | 1049.0 | 1095.9 | 1142.9 | 1154.6 | 1284.0 | 1456.6 | 1542.9 | 1682.8 | 1962.6 |
| 137.5° | 1190.6 | 1144.1 | 1097.6 | 1144.1 | 1190.6 | 1202.2 | 1315.1 | 1465.6 | 1540.8 | 1659.1 | 1895.7 |
| 140° | 1223.6 | 1180.8 | 1138.0 | 1180.8 | 1223.6 | 1234.3 | 1334.1 | 1467.1 | 1533.6 | 1635.8 | 1840.1 |
| 142.5° | 1248.2 | 1208.7 | 1169.1 | 1208.7 | 1248.2 | 1258.1 | 1349.9 | 1472.4 | 1533.6 | 1623.3 | 1802.8 |
| 145° | 1285.8 | 1251.2 | 1216.7 | 1251.2 | 1285.8 | 1294.4 | 1370.7 | 1472.4 | 1523.2 | 1596.6 | 1743.5 |
| 147.5° | 1331.6 | 1298.0 | 1264.4 | 1298.0 | 1331.6 | 1340.0 | 1401.1 | 1482.5 | 1523.2 | 1581.0 | 1696.5 |
| 150° | 1356.2 | 1325.8 | 1295.4 | 1325.8 | 1356.2 | 1363.8 | 1416.9 | 1487.8 | 1523.2 | 1572.0 | 1669.6 |
| 152.5° | 1373.5 | 1350.5 | 1327.5 | 1350.5 | 1373.5 | 1379.3 | 1427.3 | 1491.2 | 1523.2 | 1564.9 | 1648.2 |
| 155° | 1409.2 | 1392.2 | 1375.2 | 1392.2 | 1409.2 | 1413.5 | 1450.1 | 1498.8 | 1523.2 | 1556.4 | 1622.7 |
| 157.5° | 1443.5 | 1426.9 | 1410.4 | 1426.9 | 1443.5 | 1447.6 | 1472.8 | 1506.4 | 1523.2 | 1549.0 | 1600.5 |
| 160° | 1460.0 | 1447.1 | 1434.2 | 1447.1 | 1460.0 | 1463.2 | 1483.2 | 1509.9 | 1523.2 | 1545.3 | 1589.5 |
| 162.5° | 1477.3 | 1467.6 | 1458.0 | 1467.6 | 1477.3 | 1479.7 | 1494.2 | 1513.5 | 1523.2 | 1541.8 | 1579.1 |
| 165° | 1501.4 | 1492.7 | 1483.9 | 1492.7 | 1501.4 | 1503.6 | 1510.1 | 1518.8 | 1523.2 | 1536.6 | 1563.3 |
| 167.5° | 1516.0 | 1511.8 | 1507.7 | 1511.8 | 1516.0 | 1517.0 | 1522.5 | 1529.9 | 1533.6 | 1542.3 | 1559.8 |
| 170° | 1531.6 | 1527.4 | 1523.2 | 1527.4 | 1531.6 | 1532.6 | 1532.9 | 1533.4 | 1533.6 | 1542.3 | 1559.8 |
| 172.5° | 1533.4 | 1532.4 | 1531.5 | 1532.4 | 1533.4 | 1533.6 | 1533.6 | 1533.6 | 1533.6 | 1540.5 | 1554.3 |
| 175° | 1542.9 | 1542.9 | 1542.9 | 1542.9 | 1542.9 | 1542.9 | 1539.8 | 1535.7 | 1533.6 | 1538.0 | 1546.7 |
| 177.5° | 1542.9 | 1542.9 | 1542.9 | 1542.9 | 1542.9 | 1542.9 | 1540.5 | 1537.3 | 1535.7 | 1539.1 | 1546.0 |
| 180° | 1542.9 | 1542.9 | 1542.9 | 1542.9 | 1542.9 | 1542.9 | 1542.9 | 1542.9 | 1542.9 | 1542.9 | 1542.9 |



TEST NUMBER: P935416
 CATALOG NUMBER: SQ4-FA-125U-050D-835-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 260° | 270° | 280° | 290° | 292.5° | 300° | 310° | 315° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1417.8 | 1417.8 | 1417.8 | 1417.8 | 1417.8 | 1417.8 | 1417.8 | 1417.8 | 1417.8 | 1417.8 | 1417.8 |
| 2.5° | 1368.1 | 1364.1 | 1369.5 | 1354.7 | 1369.5 | 1364.1 | 1368.1 | 1377.5 | 1369.5 | 1374.8 | 1380.2 |
| 5° | 1200.5 | 1193.8 | 1172.3 | 1154.9 | 1172.3 | 1193.8 | 1200.5 | 1228.6 | 1242.0 | 1266.2 | 1298.4 |
| 7.5° | 1073.0 | 1067.7 | 1062.3 | 1051.6 | 1062.3 | 1067.7 | 1073.0 | 1081.1 | 1094.5 | 1116.0 | 1140.1 |
| 10° | 1044.9 | 1046.2 | 1054.3 | 1052.9 | 1054.3 | 1046.2 | 1044.9 | 1042.2 | 1038.2 | 1042.2 | 1056.9 |
| 12.5° | 1117.3 | 1129.4 | 1173.6 | 1171.0 | 1173.6 | 1129.4 | 1117.3 | 1063.7 | 1027.4 | 1020.7 | 1023.4 |
| 15° | 1200.5 | 1204.5 | 1213.9 | 1215.2 | 1213.9 | 1204.5 | 1200.5 | 1179.0 | 1070.4 | 1023.4 | 1008.7 |
| 17.5° | 1208.5 | 1209.9 | 1216.6 | 1216.6 | 1216.6 | 1209.9 | 1208.5 | 1199.1 | 1162.9 | 1099.9 | 1016.7 |
| 20° | 1201.8 | 1204.5 | 1217.9 | 1220.6 | 1217.9 | 1204.5 | 1201.8 | 1189.7 | 1169.6 | 1146.8 | 1083.8 |
| 22.5° | 1199.1 | 1204.5 | 1215.2 | 1213.9 | 1215.2 | 1204.5 | 1199.1 | 1180.3 | 1162.9 | 1146.8 | 1121.3 |
| 25° | 1185.7 | 1185.7 | 1187.1 | 1188.4 | 1187.1 | 1185.7 | 1185.7 | 1171.0 | 1136.1 | 1132.1 | 1117.3 |
| 27.5° | 1157.5 | 1160.2 | 1168.3 | 1166.9 | 1168.3 | 1160.2 | 1157.5 | 1152.2 | 1114.6 | 1110.6 | 1099.9 |
| 30° | 1132.1 | 1129.4 | 1122.7 | 1117.3 | 1122.7 | 1129.4 | 1132.1 | 1124.0 | 1086.5 | 1075.7 | 1078.4 |
| 32.5° | 1089.1 | 1082.4 | 1075.7 | 1071.7 | 1075.7 | 1082.4 | 1089.1 | 1086.5 | 1058.3 | 1043.5 | 1046.2 |
| 35° | 1038.2 | 1039.5 | 1038.2 | 1034.1 | 1038.2 | 1039.5 | 1038.2 | 1040.9 | 1023.4 | 1010.0 | 1008.7 |
| 37.5° | 1002.0 | 1004.6 | 1003.3 | 997.9 | 1003.3 | 1004.6 | 1002.0 | 999.3 | 975.1 | 971.1 | 973.8 |
| 40° | 964.4 | 965.7 | 964.4 | 960.4 | 964.4 | 965.7 | 964.4 | 959.0 | 925.5 | 926.8 | 936.2 |
| 42.5° | 928.2 | 926.8 | 922.8 | 920.1 | 922.8 | 926.8 | 928.2 | 920.1 | 877.2 | 873.2 | 890.6 |
| 45° | 886.6 | 887.9 | 879.9 | 875.9 | 879.9 | 887.9 | 886.6 | 881.2 | 837.0 | 826.2 | 838.3 |
| 47.5° | 845.0 | 845.0 | 838.3 | 834.3 | 838.3 | 845.0 | 845.0 | 838.3 | 791.4 | 780.6 | 787.3 |
| 50° | 800.8 | 799.4 | 790.0 | 788.7 | 790.0 | 799.4 | 800.8 | 796.7 | 747.1 | 737.7 | 737.7 |
| 52.5° | 749.8 | 749.8 | 751.1 | 753.8 | 751.1 | 749.8 | 749.8 | 751.1 | 706.9 | 697.5 | 694.8 |
| 55° | 705.5 | 706.9 | 716.3 | 718.9 | 716.3 | 706.9 | 705.5 | 705.5 | 665.3 | 655.9 | 650.5 |
| 57.5° | 659.9 | 659.9 | 666.6 | 666.6 | 666.6 | 659.9 | 659.9 | 657.2 | 618.3 | 610.3 | 607.6 |
| 60° | 607.6 | 610.3 | 615.7 | 614.3 | 615.7 | 610.3 | 607.6 | 604.9 | 571.4 | 566.0 | 556.6 |
| 62.5° | 552.6 | 555.3 | 556.6 | 554.0 | 556.6 | 555.3 | 552.6 | 544.6 | 524.5 | 520.4 | 508.4 |
| 65° | 494.9 | 497.6 | 499.0 | 496.3 | 499.0 | 497.6 | 494.9 | 490.9 | 476.2 | 469.5 | 458.7 |
| 67.5° | 435.9 | 434.6 | 433.2 | 438.6 | 433.2 | 434.6 | 435.9 | 430.6 | 421.2 | 415.8 | 401.1 |
| 70° | 375.6 | 375.6 | 374.2 | 376.9 | 374.2 | 375.6 | 375.6 | 371.5 | 366.2 | 362.2 | 348.7 |
| 72.5° | 311.2 | 309.8 | 315.2 | 311.2 | 315.2 | 309.8 | 311.2 | 309.8 | 307.2 | 303.1 | 289.7 |
| 75° | 248.1 | 250.8 | 248.1 | 252.2 | 248.1 | 250.8 | 248.1 | 249.5 | 248.1 | 245.5 | 236.1 |
| 77.5° | 189.1 | 191.8 | 189.1 | 189.1 | 189.1 | 191.8 | 189.1 | 190.5 | 190.5 | 190.5 | 182.4 |
| 80° | 134.1 | 132.8 | 132.8 | 131.4 | 132.8 | 132.8 | 134.1 | 134.1 | 135.5 | 132.8 | 130.1 |
| 82.5° | 85.8 | 84.5 | 84.5 | 87.2 | 84.5 | 84.5 | 85.8 | 87.2 | 84.5 | 84.5 | 84.5 |
| 85° | 46.9 | 48.3 | 45.6 | 45.6 | 45.6 | 48.3 | 46.9 | 44.3 | 46.9 | 46.9 | 45.6 |
| 87.5° | 17.4 | 16.1 | 16.1 | 16.1 | 16.1 | 16.1 | 17.4 | 18.8 | 18.8 | 18.8 | 20.1 |
| 90° | 39.3 | 39.3 | 39.3 | 39.3 | 39.3 | 39.3 | 39.3 | 52.4 | 69.9 | 78.7 | 67.7 |
| 92.5° | 196.7 | 188.9 | 157.6 | 126.3 | 157.6 | 188.9 | 196.7 | 278.9 | 388.4 | 443.2 | 389.1 |
| 95° | 667.9 | 644.2 | 549.4 | 454.6 | 549.4 | 644.2 | 667.9 | 877.1 | 1156.0 | 1295.4 | 1094.1 |
| 97.5° | 1541.9 | 1496.8 | 1316.4 | 1136.0 | 1316.4 | 1496.8 | 1541.9 | 1674.1 | 1850.4 | 1938.5 | 1602.8 |
| 100° | 2165.3 | 2111.6 | 1896.6 | 1681.7 | 1896.6 | 2111.6 | 2165.3 | 2155.6 | 2142.7 | 2136.3 | 1763.7 |
| 102.5° | 2697.5 | 2651.5 | 2467.4 | 2283.3 | 2467.4 | 2651.5 | 2697.5 | 2529.1 | 2304.5 | 2192.2 | 1814.4 |
| 105° | 3318.8 | 3294.1 | 3195.1 | 3096.2 | 3195.1 | 3294.1 | 3318.8 | 2941.2 | 2437.7 | 2186.0 | 1820.1 |
| 107.5° | 3641.9 | 3647.9 | 3671.8 | 3695.7 | 3671.8 | 3647.9 | 3641.9 | 3115.2 | 2412.9 | 2061.7 | 1739.1 |
| 110° | 3724.7 | 3750.5 | 3853.6 | 3956.7 | 3853.6 | 3750.5 | 3724.7 | 3135.9 | 2350.8 | 1958.2 | 1667.3 |



TEST NUMBER: P935416

CATALOG NUMBER: SQ4-FA-125U-050D-835-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 260° | 270° | 280° | 290° | 292.5° | 300° | 310° | 315° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 3671.9 | 3711.5 | 3869.8 | 4028.1 | 3869.8 | 3711.5 | 3671.9 | 3069.2 | 2265.7 | 1863.9 | 1604.6 |
| 115° | 3492.8 | 3547.7 | 3767.2 | 3986.7 | 3767.2 | 3547.7 | 3492.8 | 2912.2 | 2138.1 | 1751.1 | 1532.7 |
| 117.5° | 3245.3 | 3306.2 | 3549.6 | 3793.1 | 3549.6 | 3306.2 | 3245.3 | 2721.3 | 2022.7 | 1673.4 | 1487.7 |
| 120° | 3078.6 | 3137.7 | 3374.3 | 3610.8 | 3374.3 | 3137.7 | 3078.6 | 2599.8 | 1961.5 | 1642.3 | 1472.5 |
| 122.5° | 2911.9 | 2970.2 | 3203.6 | 3436.9 | 3203.6 | 2970.2 | 2911.9 | 2480.8 | 1905.9 | 1618.5 | 1464.5 |
| 125° | 2691.3 | 2745.0 | 2960.0 | 3174.9 | 2960.0 | 2745.0 | 2691.3 | 2325.1 | 1836.8 | 1592.6 | 1458.0 |
| 127.5° | 2514.2 | 2559.5 | 2740.9 | 2922.2 | 2740.9 | 2559.5 | 2514.2 | 2199.8 | 1780.5 | 1570.9 | 1454.2 |
| 130° | 2402.4 | 2444.3 | 2611.8 | 2779.3 | 2611.8 | 2444.3 | 2402.4 | 2122.5 | 1749.2 | 1562.6 | 1456.5 |
| 132.5° | 2307.1 | 2344.6 | 2494.7 | 2644.7 | 2494.7 | 2344.6 | 2307.1 | 2056.5 | 1722.4 | 1555.3 | 1458.0 |
| 135° | 2172.5 | 2204.8 | 2334.2 | 2463.5 | 2334.2 | 2204.8 | 2172.5 | 1962.6 | 1682.8 | 1542.9 | 1456.6 |
| 137.5° | 2073.1 | 2099.6 | 2205.4 | 2311.3 | 2205.4 | 2099.6 | 2073.1 | 1895.7 | 1659.1 | 1540.8 | 1465.6 |
| 140° | 1993.4 | 2018.1 | 2117.1 | 2216.0 | 2117.1 | 2018.1 | 1993.4 | 1840.1 | 1635.8 | 1533.6 | 1467.1 |
| 142.5° | 1937.4 | 1958.7 | 2043.8 | 2129.0 | 2043.8 | 1958.7 | 1937.4 | 1802.8 | 1623.3 | 1533.6 | 1472.4 |
| 145° | 1853.6 | 1869.7 | 1934.1 | 1998.5 | 1934.1 | 1869.7 | 1853.6 | 1743.5 | 1596.6 | 1523.2 | 1472.4 |
| 147.5° | 1783.2 | 1796.5 | 1849.9 | 1903.3 | 1849.9 | 1796.5 | 1783.2 | 1696.5 | 1581.0 | 1523.2 | 1482.5 |
| 150° | 1742.8 | 1753.6 | 1796.9 | 1840.1 | 1796.9 | 1753.6 | 1742.8 | 1669.6 | 1572.0 | 1523.2 | 1487.8 |
| 152.5° | 1710.7 | 1718.9 | 1751.5 | 1784.2 | 1751.5 | 1718.9 | 1710.7 | 1648.2 | 1564.9 | 1523.2 | 1491.2 |
| 155° | 1672.4 | 1677.8 | 1699.4 | 1721.0 | 1699.4 | 1677.8 | 1672.4 | 1622.7 | 1556.4 | 1523.2 | 1498.8 |
| 157.5° | 1639.2 | 1643.0 | 1658.2 | 1673.4 | 1658.2 | 1643.0 | 1639.2 | 1600.5 | 1549.0 | 1523.2 | 1506.4 |
| 160° | 1622.6 | 1624.8 | 1633.5 | 1642.3 | 1633.5 | 1624.8 | 1622.6 | 1589.5 | 1545.3 | 1523.2 | 1509.9 |
| 162.5° | 1607.1 | 1609.2 | 1617.5 | 1625.8 | 1617.5 | 1609.2 | 1607.1 | 1579.1 | 1541.8 | 1523.2 | 1513.5 |
| 165° | 1583.3 | 1585.5 | 1594.2 | 1603.0 | 1594.2 | 1585.5 | 1583.3 | 1563.3 | 1536.6 | 1523.2 | 1518.8 |
| 167.5° | 1572.9 | 1573.8 | 1577.5 | 1581.2 | 1577.5 | 1573.8 | 1572.9 | 1559.8 | 1542.3 | 1533.6 | 1529.9 |
| 170° | 1572.9 | 1572.9 | 1572.9 | 1572.9 | 1572.9 | 1572.9 | 1572.9 | 1559.8 | 1542.3 | 1533.6 | 1533.4 |
| 172.5° | 1564.7 | 1563.9 | 1560.6 | 1557.4 | 1560.6 | 1563.9 | 1564.7 | 1554.3 | 1540.5 | 1533.6 | 1533.6 |
| 175° | 1553.3 | 1553.3 | 1553.3 | 1553.3 | 1553.3 | 1553.3 | 1553.3 | 1546.7 | 1538.0 | 1533.6 | 1535.7 |
| 177.5° | 1551.2 | 1550.3 | 1546.6 | 1542.9 | 1546.6 | 1550.3 | 1551.2 | 1546.0 | 1539.1 | 1535.7 | 1537.3 |
| 180° | 1542.9 | 1542.9 | 1542.9 | 1542.9 | 1542.9 | 1542.9 | 1542.9 | 1542.9 | 1542.9 | 1542.9 | 1542.9 |



TEST NUMBER: P935416

CATALOG NUMBER: SQ4-FA-125U-050D-835-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

| | 330° | 337.5° | 340° | 350° | 360° |
|--------|--------|--------|--------|--------|--------|
| 0° | 1417.8 | 1417.8 | 1417.8 | 1417.8 | 1417.8 |
| 2.5° | 1400.3 | 1407.0 | 1411.1 | 1416.4 | 1429.8 |
| 5° | 1346.7 | 1372.2 | 1380.2 | 1400.3 | 1424.5 |
| 7.5° | 1228.6 | 1306.4 | 1327.9 | 1376.2 | 1413.7 |
| 10° | 1114.6 | 1192.4 | 1230.0 | 1344.0 | 1400.3 |
| 12.5° | 1056.9 | 1102.6 | 1128.0 | 1287.7 | 1381.5 |
| 15° | 1020.7 | 1052.9 | 1071.7 | 1212.5 | 1360.1 |
| 17.5° | 992.6 | 1015.4 | 1028.8 | 1138.8 | 1330.6 |
| 20° | 975.1 | 985.9 | 997.9 | 1085.1 | 1297.0 |
| 22.5° | 963.1 | 956.4 | 965.7 | 1047.6 | 1251.4 |
| 25° | 955.0 | 929.5 | 940.3 | 1018.1 | 1197.8 |
| 27.5° | 961.7 | 905.4 | 909.4 | 991.2 | 1141.5 |
| 30° | 963.1 | 875.9 | 877.2 | 963.1 | 1078.4 |
| 32.5° | 953.7 | 845.0 | 846.4 | 928.2 | 1007.3 |
| 35° | 930.9 | 808.8 | 807.5 | 887.9 | 910.7 |
| 37.5° | 900.0 | 769.9 | 769.9 | 843.7 | 804.8 |
| 40° | 862.5 | 731.0 | 735.0 | 786.0 | 710.9 |
| 42.5° | 816.9 | 689.4 | 694.8 | 709.6 | 641.1 |
| 45° | 767.2 | 649.2 | 653.2 | 599.6 | 587.5 |
| 47.5° | 712.2 | 607.6 | 609.0 | 497.6 | 570.1 |
| 50° | 646.5 | 564.7 | 559.3 | 426.5 | 568.7 |
| 52.5° | 588.8 | 517.7 | 501.6 | 386.3 | 516.4 |
| 55° | 532.5 | 468.1 | 433.2 | 355.4 | 478.8 |
| 57.5° | 482.9 | 403.7 | 370.2 | 319.2 | 470.8 |
| 60° | 437.3 | 340.7 | 315.2 | 280.3 | 431.9 |
| 62.5° | 399.7 | 293.7 | 288.4 | 253.5 | 391.7 |
| 65° | 359.5 | 261.6 | 260.2 | 230.7 | 332.6 |
| 67.5° | 320.6 | 240.1 | 238.8 | 209.2 | 253.5 |
| 70° | 279.0 | 217.3 | 214.6 | 186.4 | 187.8 |
| 72.5° | 236.1 | 191.8 | 189.1 | 167.7 | 155.6 |
| 75° | 193.1 | 162.3 | 161.0 | 146.2 | 126.1 |
| 77.5° | 151.6 | 128.8 | 131.4 | 118.0 | 92.6 |
| 80° | 108.6 | 93.9 | 96.6 | 84.5 | 69.7 |
| 82.5° | 72.4 | 61.7 | 64.4 | 53.7 | 46.9 |
| 85° | 40.2 | 34.9 | 36.2 | 28.2 | 21.5 |
| 87.5° | 18.8 | 16.1 | 16.1 | 10.7 | 6.7 |
| 90° | 45.6 | 29.0 | 26.9 | 18.7 | 10.4 |
| 92.5° | 281.0 | 199.9 | 182.3 | 111.8 | 41.4 |
| 95° | 691.4 | 389.4 | 357.2 | 228.3 | 99.4 |
| 97.5° | 931.3 | 427.7 | 399.3 | 285.6 | 171.9 |
| 100° | 1018.6 | 459.8 | 434.0 | 330.9 | 227.8 |
| 102.5° | 1058.7 | 491.9 | 467.8 | 371.6 | 275.4 |
| 105° | 1088.3 | 539.5 | 519.1 | 437.7 | 356.2 |
| 107.5° | 1093.8 | 609.9 | 590.9 | 515.0 | 439.1 |
| 110° | 1085.6 | 649.3 | 632.2 | 563.6 | 495.0 |



TEST NUMBER: P935416

CATALOG NUMBER: SQ4-FA-125U-050D-835-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

| | 330° | 337.5° | 340° | 350° | 360° |
|--------|--------|--------|--------|--------|--------|
| 112.5° | 1085.9 | 696.9 | 680.6 | 615.2 | 549.9 |
| 115° | 1095.9 | 768.3 | 753.2 | 693.0 | 632.7 |
| 117.5° | 1116.3 | 837.7 | 824.0 | 769.3 | 714.5 |
| 120° | 1132.8 | 878.1 | 865.2 | 813.7 | 762.1 |
| 122.5° | 1156.6 | 925.7 | 912.7 | 860.7 | 808.7 |
| 125° | 1188.7 | 986.8 | 975.0 | 927.6 | 880.2 |
| 127.5° | 1220.9 | 1045.9 | 1033.9 | 986.1 | 938.2 |
| 130° | 1244.3 | 1085.2 | 1072.3 | 1020.8 | 969.2 |
| 132.5° | 1263.3 | 1117.3 | 1104.4 | 1052.9 | 1001.3 |
| 135° | 1284.0 | 1154.6 | 1142.9 | 1095.9 | 1049.0 |
| 137.5° | 1315.1 | 1202.2 | 1190.6 | 1144.1 | 1097.6 |
| 140° | 1334.1 | 1234.3 | 1223.6 | 1180.8 | 1138.0 |
| 142.5° | 1349.9 | 1258.1 | 1248.2 | 1208.7 | 1169.1 |
| 145° | 1370.7 | 1294.4 | 1285.8 | 1251.2 | 1216.7 |
| 147.5° | 1401.1 | 1340.0 | 1331.6 | 1298.0 | 1264.4 |
| 150° | 1416.9 | 1363.8 | 1356.2 | 1325.8 | 1295.4 |
| 152.5° | 1427.3 | 1379.3 | 1373.5 | 1350.5 | 1327.5 |
| 155° | 1450.1 | 1413.5 | 1409.2 | 1392.2 | 1375.2 |
| 157.5° | 1472.8 | 1447.6 | 1443.5 | 1426.9 | 1410.4 |
| 160° | 1483.2 | 1463.2 | 1460.0 | 1447.1 | 1434.2 |
| 162.5° | 1494.2 | 1479.7 | 1477.3 | 1467.6 | 1458.0 |
| 165° | 1510.1 | 1503.6 | 1501.4 | 1492.7 | 1483.9 |
| 167.5° | 1522.5 | 1517.0 | 1516.0 | 1511.8 | 1507.7 |
| 170° | 1532.9 | 1532.6 | 1531.6 | 1527.4 | 1523.2 |
| 172.5° | 1533.6 | 1533.6 | 1533.4 | 1532.4 | 1531.5 |
| 175° | 1539.8 | 1542.9 | 1542.9 | 1542.9 | 1542.9 |
| 177.5° | 1540.5 | 1542.9 | 1542.9 | 1542.9 | 1542.9 |
| 180° | 1542.9 | 1542.9 | 1542.9 | 1542.9 | 1542.9 |



TEST NUMBER: P935416
 CATALOG NUMBER: SQ4-FA-125U-050D-835-1D-UNV-STD-W-8

CIE UGR TABLE:

| Reflectances: | | | | | | | | | | | |
|-----------------|------|------------------|-------|-------|-------|-------|----------------|-------|-------|-------|-------|
| Ceiling | | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 |
| Wall | | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 |
| Reference plane | | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| Room dimensions | | Viewed crosswise | | | | | Viewed endwise | | | | |
| X=2H | Y=2H | 8.70 | 9.38 | 9.83 | 10.51 | 12.07 | 11.53 | 12.22 | 12.67 | 13.34 | 14.91 |
| | 3H | 9.16 | 9.77 | 10.30 | 10.91 | 12.49 | 12.87 | 13.48 | 14.01 | 14.62 | 16.20 |
| | 4H | 9.34 | 9.93 | 10.49 | 11.06 | 12.65 | 13.31 | 13.89 | 14.46 | 15.02 | 16.61 |
| | 6H | 9.45 | 9.99 | 10.61 | 11.12 | 12.72 | 13.58 | 14.12 | 14.74 | 15.26 | 16.85 |
| | 8H | 9.45 | 9.96 | 10.61 | 11.11 | 12.70 | 13.65 | 14.16 | 14.81 | 15.31 | 16.91 |
| | 12H | 9.41 | 9.90 | 10.58 | 11.04 | 12.66 | 13.69 | 14.17 | 14.85 | 15.32 | 16.93 |
| 4H | 2H | 9.71 | 10.29 | 10.87 | 11.43 | 13.01 | 11.92 | 12.50 | 13.08 | 13.64 | 15.22 |
| | 3H | 10.72 | 11.21 | 11.88 | 12.36 | 13.96 | 13.41 | 13.90 | 14.58 | 15.06 | 16.66 |
| | 4H | 10.99 | 11.44 | 12.15 | 12.58 | 14.20 | 13.93 | 14.38 | 15.10 | 15.53 | 17.15 |
| | 6H | 11.10 | 11.49 | 12.27 | 12.66 | 14.26 | 14.29 | 14.67 | 15.46 | 15.84 | 17.45 |
| | 8H | 11.10 | 11.46 | 12.27 | 12.62 | 14.25 | 14.40 | 14.75 | 15.57 | 15.91 | 17.54 |
| | 12H | 11.06 | 11.39 | 12.25 | 12.56 | 14.19 | 14.45 | 14.77 | 15.63 | 15.94 | 17.57 |
| 8H | 4H | 11.43 | 11.79 | 12.60 | 12.95 | 14.57 | 14.04 | 14.40 | 15.21 | 15.56 | 17.19 |
| | 6H | 11.68 | 11.98 | 12.87 | 13.18 | 14.80 | 14.48 | 14.77 | 15.67 | 15.97 | 17.60 |
| | 8H | 11.72 | 11.98 | 12.92 | 13.16 | 14.80 | 14.63 | 14.88 | 15.82 | 16.07 | 17.71 |
| | 12H | 11.70 | 11.93 | 12.90 | 13.10 | 14.78 | 14.72 | 14.94 | 15.92 | 16.12 | 17.80 |
| 12H | 4H | 11.43 | 11.75 | 12.61 | 12.92 | 14.55 | 14.00 | 14.32 | 15.19 | 15.50 | 17.13 |
| | 6H | 11.74 | 12.00 | 12.94 | 13.18 | 14.82 | 14.47 | 14.73 | 15.67 | 15.91 | 17.55 |
| | 8H | 11.80 | 12.03 | 13.00 | 13.21 | 14.88 | 14.63 | 14.85 | 15.82 | 16.03 | 17.71 |