

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: P1436016

Luminaire Tested: SQ2W-FB-K-125U-100D-L835-UNV-STD-W-WM-4

Issue Date: 3/24/2026

Test Information

Test Method: LM-79-2019
Report Number: P1436016
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2303-941-3, G2-2308-131-12)
Test Lab: INNOVATION CENTER
Issue Date: 3/24/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ2W-FB-K-125U-100D-L835-UNV-STD-W-WM-4
Description: CORELITE SQ2W WALL MOUNTED LED LUMINAIRE
DOWNLIGHT - FROSTED CONTINUOUS BATWING ROLL LENS
UPLIGHT - ASYMMETRIC ROLL LENS
DOWNLIGHT 1000 LUMENS PER FOOT
UPLIGHT 1250 LUMENS PER FOOT
Light Source: 3500K CCT, 80 CRI LEDS
Ballast/Driver: -

Summary

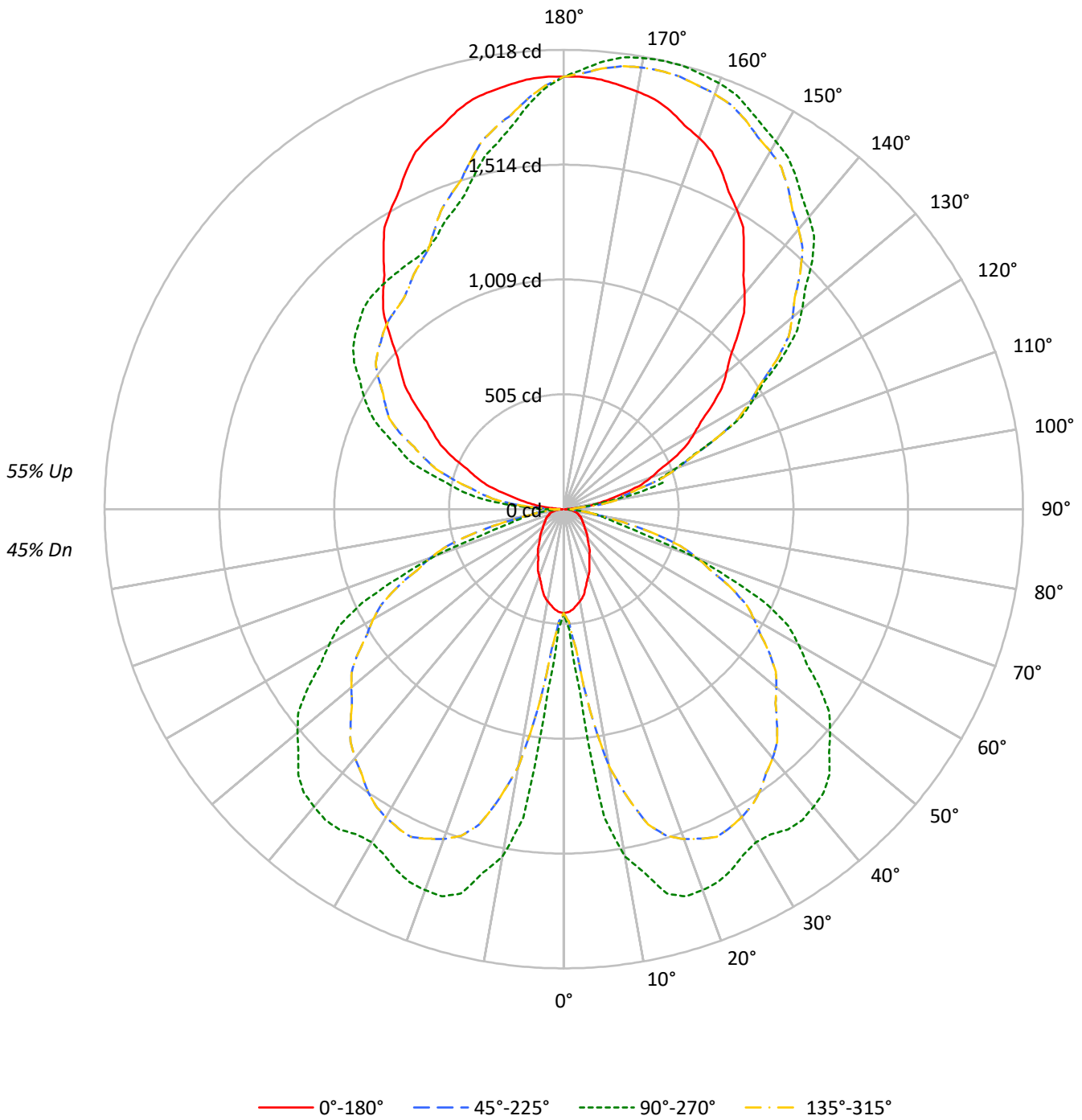
Lumens per Lamp: N/A
Luminaire Lumens: 10064.3 lumens
Efficiency: N/A
Efficacy: 123.3 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 2.98 / 2.52
Luminous Opening: Rectangular (W 0.17' x L: 4' x H: 0')
CIE Type: General Diffuse

Input Watts (W): 81.6
Input Voltage (V): 120
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: P1436016

CATALOG NUMBER: SQ2W-FB-K-125U-100D-L835-UNV-STD-W-WM-4

Luminous Intensity Polar Plot





TEST NUMBER: P1436016

CATALOG NUMBER: SQ2W-FB-K-125U-100D-L835-UNV-STD-W-WM-4

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 | 0 |
| RCR | | | | | | | | | | | | | | | | | | |
| 0 | 106 | 106 | 106 | 106 | 97 | 97 | 97 | 97 | 80 | 80 | 80 | 65 | 65 | 65 | 51 | 51 | 51 | 45 |
| 1 | 96 | 92 | 88 | 85 | 88 | 84 | 81 | 78 | 70 | 68 | 66 | 57 | 56 | 54 | 45 | 44 | 43 | 37 |
| 2 | 88 | 80 | 74 | 69 | 80 | 73 | 68 | 64 | 61 | 57 | 54 | 50 | 47 | 45 | 39 | 37 | 36 | 31 |
| 3 | 80 | 70 | 62 | 57 | 73 | 64 | 58 | 53 | 54 | 49 | 45 | 44 | 40 | 37 | 34 | 32 | 30 | 26 |
| 4 | 72 | 62 | 53 | 47 | 66 | 57 | 50 | 44 | 47 | 42 | 38 | 39 | 35 | 31 | 30 | 28 | 25 | 21 |
| 5 | 66 | 54 | 46 | 40 | 60 | 50 | 43 | 37 | 42 | 36 | 32 | 34 | 30 | 27 | 27 | 24 | 22 | 18 |
| 6 | 61 | 49 | 40 | 34 | 55 | 45 | 37 | 32 | 37 | 32 | 28 | 31 | 26 | 23 | 24 | 21 | 19 | 16 |
| 7 | 56 | 44 | 36 | 30 | 51 | 40 | 33 | 28 | 34 | 28 | 24 | 28 | 23 | 20 | 22 | 19 | 16 | 14 |
| 8 | 52 | 39 | 31 | 26 | 47 | 36 | 29 | 24 | 31 | 25 | 21 | 25 | 21 | 18 | 20 | 17 | 14 | 12 |
| 9 | 48 | 36 | 28 | 23 | 44 | 33 | 26 | 22 | 28 | 22 | 19 | 23 | 19 | 16 | 18 | 15 | 13 | 11 |
| 10 | 45 | 33 | 25 | 20 | 41 | 30 | 24 | 19 | 25 | 20 | 17 | 21 | 17 | 14 | 17 | 14 | 12 | 10 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|------|-------|------|-------|
| 0° | 7370 | 7370 | 7370 | 7370 |
| 5° | 7186 | 13055 | 7186 | 13055 |
| 10° | 6730 | 25405 | 6730 | 25405 |
| 15° | 6091 | 29241 | 6091 | 29241 |
| 20° | 5393 | 30623 | 5393 | 30623 |
| 25° | 4771 | 31126 | 4771 | 31126 |
| 30° | 4215 | 31509 | 4215 | 31509 |
| 35° | 3765 | 33874 | 3765 | 33874 |
| 40° | 3423 | 35992 | 3423 | 35992 |
| 45° | 3158 | 37689 | 3158 | 37689 |
| 50° | 2976 | 38373 | 2976 | 38373 |
| 55° | 2905 | 38677 | 2905 | 38677 |
| 60° | 2977 | 38485 | 2977 | 38485 |
| 65° | 3102 | 37398 | 3102 | 37398 |
| 70° | 3210 | 28286 | 3210 | 28286 |
| 75° | 3562 | 15608 | 3562 | 15608 |
| 80° | 3673 | 14486 | 3673 | 14486 |
| 85° | 3668 | 6095 | 3668 | 6095 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
 Vertical Angle: 52.5°
 Luminance: 39027 cd/sqm



TEST NUMBER: P1436016

CATALOG NUMBER: SQ2W-FB-K-125U-100D-L835-UNV-STD-W-WM-4

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 76.5 | 0.8 |
| 10°-20° | 349.0 | 3.5 |
| 20°-30° | 614.2 | 6.1 |
| 30°-40° | 795.0 | 7.9 |
| 40°-50° | 876.8 | 8.7 |
| 50°-60° | 818.3 | 8.1 |
| 60°-70° | 632.2 | 6.3 |
| 70°-80° | 291.4 | 2.9 |
| 80°-90° | 63.6 | 0.6 |
| 90°-100° | 151.2 | 1.5 |
| 100°-110° | 440.9 | 4.4 |
| 110°-120° | 719.6 | 7.2 |
| 120°-130° | 913.1 | 9.1 |
| 130°-140° | 977.1 | 9.7 |
| 140°-150° | 912.4 | 9.1 |
| 150°-160° | 750.8 | 7.5 |
| 160°-170° | 503.5 | 5.0 |
| 170°-180° | 178.8 | 1.8 |
| 0°-30° | 1039.7 | 10.3 |
| 0°-40° | 1834.7 | 18.2 |
| 0°-60° | 3529.7 | 35.1 |
| 0°-90° | 4517.0 | 44.9 |
| 90°-120° | 1311.8 | 13.0 |
| 90°-150° | 4114.3 | 40.9 |
| 90°-180° | 5547.0 | 55.1 |
| 0°-180° | 10064.3 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 456 | 456 | 456 | 456 | 456 | |
| 5° | 443 | 806 | 443 | 806 | 443 | 41 |
| 15° | 364 | 1749 | 364 | 1749 | 364 | 102 |
| 25° | 268 | 1747 | 268 | 1747 | 268 | 123 |
| 35° | 191 | 1719 | 191 | 1719 | 191 | 120 |
| 45° | 138 | 1651 | 138 | 1651 | 138 | 107 |
| 55° | 103 | 1374 | 103 | 1374 | 103 | 93 |
| 65° | 81 | 979 | 81 | 979 | 81 | 80 |
| 75° | 57 | 250 | 57 | 250 | 57 | 59 |
| 85° | 20 | 33 | 20 | 33 | 20 | 21 |
| 90° | 6 | 42 | 6 | 82 | 6 | 6 |
| 95° | 60 | 44 | 60 | 259 | 60 | 72 |
| 105° | 280 | 449 | 280 | 618 | 280 | 298 |
| 115° | 537 | 745 | 537 | 917 | 537 | 530 |
| 125° | 794 | 1180 | 794 | 1125 | 794 | 711 |
| 135° | 1080 | 1545 | 1080 | 1246 | 1080 | 835 |
| 145° | 1380 | 1781 | 1380 | 1272 | 1380 | 863 |
| 155° | 1639 | 1934 | 1639 | 1320 | 1639 | 753 |
| 165° | 1812 | 2017 | 1812 | 1520 | 1812 | 510 |
| 175° | 1894 | 1975 | 1894 | 1783 | 1894 | 180 |
| 180° | 1900 | 1900 | 1900 | 1900 | 1900 | |



TEST NUMBER: P1436016

CATALOG NUMBER: SQ2W-FB-K-125U-100D-L835-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 30° | 40° | 50° | 60° | 70° | 80° | 90° | 100° |
|--------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 456.5 | 456.5 | 456.5 | 456.5 | 456.5 | 456.5 | 456.5 | 456.5 | 456.5 | 456.5 | 456.5 |
| 2.5° | 453.0 | 461.6 | 470.2 | 479.4 | 488.7 | 498.9 | 509.8 | 519.2 | 523.9 | 528.5 | 523.9 |
| 5° | 443.4 | 472.6 | 501.9 | 544.3 | 591.2 | 644.3 | 703.8 | 754.8 | 780.2 | 805.5 | 780.2 |
| 7.5° | 426.3 | 485.8 | 545.3 | 671.4 | 819.6 | 973.6 | 1133.2 | 1265.6 | 1316.3 | 1367.0 | 1316.3 |
| 10° | 410.5 | 493.4 | 576.3 | 790.2 | 1047.7 | 1245.7 | 1384.3 | 1495.0 | 1522.3 | 1549.6 | 1522.3 |
| 12.5° | 392.9 | 505.5 | 618.0 | 882.1 | 1196.6 | 1402.4 | 1499.6 | 1579.5 | 1607.6 | 1635.7 | 1607.6 |
| 15° | 364.4 | 525.3 | 686.3 | 984.8 | 1329.2 | 1540.8 | 1619.9 | 1686.9 | 1718.1 | 1749.4 | 1718.1 |
| 17.5° | 334.9 | 549.2 | 763.4 | 1067.9 | 1402.5 | 1608.9 | 1687.2 | 1750.1 | 1767.1 | 1784.0 | 1767.1 |
| 20° | 313.9 | 565.6 | 817.2 | 1122.3 | 1445.2 | 1640.3 | 1707.7 | 1760.8 | 1771.6 | 1782.3 | 1771.6 |
| 22.5° | 294.6 | 575.9 | 857.2 | 1162.7 | 1476.3 | 1658.5 | 1709.4 | 1750.5 | 1762.0 | 1773.5 | 1762.0 |
| 25° | 267.8 | 584.8 | 901.9 | 1206.5 | 1506.9 | 1673.3 | 1705.5 | 1731.6 | 1739.4 | 1747.2 | 1739.4 |
| 27.5° | 241.9 | 576.9 | 911.9 | 1212.6 | 1502.0 | 1657.2 | 1678.2 | 1696.0 | 1703.6 | 1711.2 | 1703.6 |
| 30° | 226.1 | 566.5 | 907.0 | 1205.0 | 1488.9 | 1638.6 | 1654.2 | 1668.6 | 1679.4 | 1690.1 | 1679.4 |
| 32.5° | 212.0 | 554.1 | 896.1 | 1190.4 | 1468.8 | 1615.4 | 1630.3 | 1647.2 | 1670.4 | 1693.6 | 1670.4 |
| 35° | 191.0 | 527.5 | 864.1 | 1155.3 | 1431.3 | 1581.1 | 1604.5 | 1632.8 | 1675.7 | 1718.6 | 1675.7 |
| 37.5° | 173.0 | 493.5 | 814.1 | 1102.3 | 1379.7 | 1542.9 | 1591.9 | 1639.0 | 1680.3 | 1721.7 | 1680.3 |
| 40° | 162.4 | 469.7 | 777.0 | 1063.1 | 1342.1 | 1514.3 | 1579.6 | 1637.4 | 1672.5 | 1707.7 | 1672.5 |
| 42.5° | 151.9 | 442.8 | 733.7 | 1017.4 | 1298.8 | 1477.6 | 1553.9 | 1619.9 | 1655.0 | 1690.1 | 1655.0 |
| 45° | 138.3 | 399.7 | 661.2 | 942.4 | 1230.1 | 1418.9 | 1508.7 | 1584.3 | 1617.4 | 1650.6 | 1617.4 |
| 47.5° | 125.6 | 352.7 | 579.8 | 862.2 | 1163.0 | 1361.1 | 1456.3 | 1533.7 | 1557.9 | 1582.1 | 1557.9 |
| 50° | 118.5 | 321.4 | 524.3 | 807.7 | 1118.0 | 1319.9 | 1413.5 | 1488.7 | 1508.2 | 1527.7 | 1508.2 |
| 52.5° | 111.5 | 291.0 | 470.5 | 754.5 | 1073.3 | 1276.8 | 1365.0 | 1435.6 | 1453.5 | 1471.5 | 1453.5 |
| 55° | 103.2 | 249.5 | 395.8 | 676.8 | 1002.6 | 1204.0 | 1281.1 | 1342.8 | 1358.4 | 1374.0 | 1358.4 |
| 57.5° | 95.7 | 213.7 | 331.8 | 603.9 | 927.4 | 1122.0 | 1187.8 | 1240.2 | 1252.9 | 1265.6 | 1252.9 |
| 60° | 92.2 | 194.6 | 297.0 | 558.2 | 872.4 | 1059.2 | 1118.7 | 1166.5 | 1179.2 | 1191.8 | 1179.2 |
| 62.5° | 86.9 | 176.1 | 265.2 | 512.6 | 812.7 | 990.1 | 1044.9 | 1089.0 | 1100.9 | 1112.8 | 1100.9 |
| 65° | 81.2 | 153.4 | 225.6 | 448.5 | 721.6 | 881.1 | 927.0 | 963.3 | 971.1 | 978.9 | 971.1 |
| 67.5° | 73.3 | 134.6 | 195.8 | 389.8 | 628.0 | 761.4 | 789.9 | 807.6 | 793.0 | 778.3 | 793.0 |
| 70° | 68.0 | 124.6 | 181.2 | 354.1 | 565.8 | 676.5 | 686.3 | 683.1 | 641.2 | 599.2 | 641.2 |
| 72.5° | 64.5 | 114.9 | 165.2 | 314.9 | 497.7 | 578.4 | 556.9 | 521.0 | 441.6 | 362.2 | 441.6 |
| 75° | 57.1 | 98.0 | 139.0 | 251.7 | 388.3 | 409.7 | 316.1 | 246.3 | 248.3 | 250.2 | 248.3 |
| 77.5° | 46.5 | 77.2 | 107.8 | 177.1 | 259.2 | 275.5 | 225.9 | 189.2 | 191.0 | 192.7 | 191.0 |
| 80° | 39.5 | 63.9 | 88.3 | 115.6 | 143.9 | 157.1 | 155.1 | 153.9 | 154.9 | 155.8 | 154.9 |
| 82.5° | 32.5 | 50.6 | 68.8 | 85.2 | 101.0 | 109.8 | 111.8 | 112.9 | 111.6 | 110.2 | 111.6 |
| 85° | 19.8 | 30.5 | 41.2 | 47.6 | 52.4 | 51.0 | 43.2 | 36.8 | 34.9 | 32.9 | 34.9 |
| 87.5° | 8.2 | 13.6 | 19.4 | 19.6 | 17.6 | 16.5 | 16.5 | 16.8 | 17.2 | 17.2 | 17.2 |
| 90° | 5.8 | 13.4 | 23.0 | 30.7 | 36.5 | 38.4 | 38.4 | 40.3 | 42.2 | 42.2 | 42.2 |
| 92.5° | 21.1 | 33.4 | 33.8 | 33.8 | 41.1 | 44.5 | 47.6 | 48.0 | 49.9 | 49.9 | 49.9 |
| 95° | 59.5 | 65.2 | 97.9 | 96.0 | 65.2 | 51.8 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 |
| 97.5° | 113.6 | 122.1 | 127.4 | 170.8 | 180.4 | 174.3 | 142.0 | 119.4 | 106.7 | 100.9 | 106.7 |
| 100° | 161.2 | 165.0 | 176.6 | 178.5 | 226.5 | 272.5 | 249.5 | 220.7 | 211.1 | 205.3 | 211.1 |
| 102.5° | 208.8 | 211.1 | 228.8 | 236.8 | 247.9 | 274.0 | 353.9 | 345.1 | 338.5 | 337.4 | 338.5 |
| 105° | 280.2 | 282.1 | 314.7 | 330.1 | 337.8 | 337.8 | 335.8 | 374.2 | 435.6 | 449.1 | 435.6 |
| 107.5° | 356.6 | 365.4 | 403.8 | 444.8 | 453.7 | 456.0 | 446.0 | 440.2 | 437.9 | 439.5 | 437.9 |
| 110° | 408.8 | 422.2 | 468.3 | 520.1 | 533.5 | 537.3 | 533.5 | 527.8 | 523.9 | 523.9 | 523.9 |



TEST NUMBER: P1436016

CATALOG NUMBER: SQ2W-FB-K-125U-100D-L835-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 0° | 10° | 20° | 30° | 40° | 50° | 60° | 70° | 80° | 90° | 100° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 459.4 | 479.0 | 531.2 | 590.7 | 613.3 | 624.9 | 616.4 | 612.2 | 608.4 | 611.4 | 608.4 |
| 115° | 537.3 | 566.1 | 635.2 | 696.6 | 742.7 | 748.4 | 746.5 | 746.5 | 744.6 | 744.6 | 744.6 |
| 117.5° | 609.5 | 655.6 | 733.1 | 804.5 | 857.8 | 873.2 | 880.9 | 878.6 | 876.3 | 880.1 | 876.3 |
| 120° | 660.2 | 713.9 | 802.2 | 882.8 | 934.6 | 957.6 | 965.3 | 961.5 | 965.3 | 961.5 | 965.3 |
| 122.5° | 713.9 | 779.9 | 866.7 | 950.3 | 1011.4 | 1037.5 | 1046.7 | 1047.4 | 1048.2 | 1045.9 | 1048.2 |
| 125° | 794.5 | 875.1 | 976.8 | 1063.2 | 1126.5 | 1157.2 | 1164.9 | 1166.8 | 1170.6 | 1180.2 | 1170.6 |
| 127.5° | 875.9 | 967.2 | 1078.9 | 1162.2 | 1227.1 | 1264.3 | 1276.2 | 1280.4 | 1288.5 | 1292.7 | 1288.5 |
| 130° | 932.7 | 1036.3 | 1149.5 | 1228.2 | 1291.6 | 1331.9 | 1353.0 | 1358.7 | 1368.3 | 1366.4 | 1368.3 |
| 132.5° | 992.6 | 1100.8 | 1215.6 | 1297.3 | 1356.0 | 1399.4 | 1417.4 | 1433.9 | 1437.4 | 1440.1 | 1437.4 |
| 135° | 1080.5 | 1197.5 | 1312.7 | 1393.3 | 1448.9 | 1491.1 | 1514.2 | 1529.5 | 1539.1 | 1544.9 | 1539.1 |
| 137.5° | 1173.0 | 1296.5 | 1407.1 | 1478.9 | 1534.9 | 1571.4 | 1597.5 | 1613.6 | 1623.6 | 1628.2 | 1623.6 |
| 140° | 1235.9 | 1354.9 | 1462.4 | 1537.2 | 1587.1 | 1623.6 | 1646.6 | 1665.8 | 1677.3 | 1677.3 | 1677.3 |
| 142.5° | 1295.8 | 1413.2 | 1517.6 | 1592.5 | 1636.2 | 1669.6 | 1694.2 | 1708.8 | 1721.8 | 1721.8 | 1721.8 |
| 145° | 1379.8 | 1496.9 | 1592.8 | 1667.7 | 1704.2 | 1734.9 | 1761.7 | 1773.2 | 1780.9 | 1780.9 | 1780.9 |
| 147.5° | 1467.7 | 1571.4 | 1658.9 | 1730.6 | 1761.3 | 1797.4 | 1818.5 | 1827.7 | 1837.3 | 1833.1 | 1837.3 |
| 150° | 1519.9 | 1615.9 | 1700.3 | 1767.5 | 1798.2 | 1832.7 | 1853.8 | 1861.5 | 1871.1 | 1865.4 | 1871.1 |
| 152.5° | 1570.6 | 1661.9 | 1738.7 | 1801.3 | 1827.4 | 1861.9 | 1886.1 | 1893.8 | 1900.3 | 1896.1 | 1900.3 |
| 155° | 1638.9 | 1719.5 | 1790.5 | 1848.1 | 1871.1 | 1903.7 | 1926.8 | 1936.4 | 1944.0 | 1934.4 | 1944.0 |
| 157.5° | 1699.9 | 1769.4 | 1831.2 | 1884.2 | 1908.7 | 1936.8 | 1958.2 | 1970.1 | 1977.8 | 1973.6 | 1977.8 |
| 160° | 1736.8 | 1800.1 | 1855.8 | 1905.7 | 1928.7 | 1953.6 | 1976.7 | 1990.1 | 1997.8 | 1992.0 | 1997.8 |
| 162.5° | 1767.5 | 1824.7 | 1877.3 | 1922.5 | 1942.5 | 1964.4 | 1992.0 | 2003.9 | 2011.6 | 2004.3 | 2011.6 |
| 165° | 1811.6 | 1857.7 | 1903.7 | 1942.1 | 1959.4 | 1976.7 | 2005.5 | 2018.9 | 2024.6 | 2017.0 | 2024.6 |
| 167.5° | 1845.0 | 1880.3 | 1917.6 | 1950.6 | 1963.2 | 1980.1 | 2008.9 | 2020.0 | 2027.3 | 2017.7 | 2027.3 |
| 170° | 1863.4 | 1894.1 | 1926.8 | 1953.6 | 1963.2 | 1978.6 | 2007.4 | 2017.0 | 2022.7 | 2013.1 | 2022.7 |
| 172.5° | 1878.8 | 1901.8 | 1928.3 | 1952.1 | 1957.1 | 1969.4 | 1996.6 | 2006.2 | 2010.4 | 2002.4 | 2010.4 |
| 175° | 1894.1 | 1907.6 | 1926.8 | 1942.1 | 1940.2 | 1947.9 | 1970.9 | 1978.6 | 1986.3 | 1974.7 | 1986.3 |
| 177.5° | 1901.4 | 1907.6 | 1913.7 | 1922.9 | 1916.8 | 1916.8 | 1933.7 | 1938.3 | 1939.8 | 1933.7 | 1939.8 |
| 180° | 1899.9 | 1899.9 | 1899.9 | 1899.9 | 1899.9 | 1899.9 | 1899.9 | 1899.9 | 1899.9 | 1899.9 | 1899.9 |



TEST NUMBER: P1436016

CATALOG NUMBER: SQ2W-FB-K-125U-100D-L835-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 110° | 120° | 130° | 140° | 150° | 160° | 170° | 180° | 190° | 200° | 210° |
|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|--------|
| 0° | 456.5 | 456.5 | 456.5 | 456.5 | 456.5 | 456.5 | 456.5 | 456.5 | 456.5 | 456.5 | 456.5 |
| 2.5° | 519.2 | 509.8 | 498.9 | 488.7 | 479.4 | 470.2 | 461.6 | 453.0 | 461.6 | 470.2 | 479.4 |
| 5° | 754.8 | 703.8 | 644.3 | 591.2 | 544.3 | 501.9 | 472.6 | 443.4 | 472.6 | 501.9 | 544.3 |
| 7.5° | 1265.6 | 1133.2 | 973.6 | 819.6 | 671.4 | 545.3 | 485.8 | 426.3 | 485.8 | 545.3 | 671.4 |
| 10° | 1495.0 | 1384.3 | 1245.7 | 1047.7 | 790.2 | 576.3 | 493.4 | 410.5 | 493.4 | 576.3 | 790.2 |
| 12.5° | 1579.5 | 1499.6 | 1402.4 | 1196.6 | 882.1 | 618.0 | 505.5 | 392.9 | 505.5 | 618.0 | 882.1 |
| 15° | 1686.9 | 1619.9 | 1540.8 | 1329.2 | 984.8 | 686.3 | 525.3 | 364.4 | 525.3 | 686.3 | 984.8 |
| 17.5° | 1750.1 | 1687.2 | 1608.9 | 1402.5 | 1067.9 | 763.4 | 549.2 | 334.9 | 549.2 | 763.4 | 1067.9 |
| 20° | 1760.8 | 1707.7 | 1640.3 | 1445.2 | 1122.3 | 817.2 | 565.6 | 313.9 | 565.6 | 817.2 | 1122.3 |
| 22.5° | 1750.5 | 1709.4 | 1658.5 | 1476.3 | 1162.7 | 857.2 | 575.9 | 294.6 | 575.9 | 857.2 | 1162.7 |
| 25° | 1731.6 | 1705.5 | 1673.3 | 1506.9 | 1206.5 | 901.9 | 584.8 | 267.8 | 584.8 | 901.9 | 1206.5 |
| 27.5° | 1696.0 | 1678.2 | 1657.2 | 1502.0 | 1212.6 | 911.9 | 576.9 | 241.9 | 576.9 | 911.9 | 1212.6 |
| 30° | 1668.6 | 1654.2 | 1638.6 | 1488.9 | 1205.0 | 907.0 | 566.5 | 226.1 | 566.5 | 907.0 | 1205.0 |
| 32.5° | 1647.2 | 1630.3 | 1615.4 | 1468.8 | 1190.4 | 896.1 | 554.1 | 212.0 | 554.1 | 896.1 | 1190.4 |
| 35° | 1632.8 | 1604.5 | 1581.1 | 1431.3 | 1155.3 | 864.1 | 527.5 | 191.0 | 527.5 | 864.1 | 1155.3 |
| 37.5° | 1639.0 | 1591.9 | 1542.9 | 1379.7 | 1102.3 | 814.1 | 493.5 | 173.0 | 493.5 | 814.1 | 1102.3 |
| 40° | 1637.4 | 1579.6 | 1514.3 | 1342.1 | 1063.1 | 777.0 | 469.7 | 162.4 | 469.7 | 777.0 | 1063.1 |
| 42.5° | 1619.9 | 1553.9 | 1477.6 | 1298.8 | 1017.4 | 733.7 | 442.8 | 151.9 | 442.8 | 733.7 | 1017.4 |
| 45° | 1584.3 | 1508.7 | 1418.9 | 1230.1 | 942.4 | 661.2 | 399.7 | 138.3 | 399.7 | 661.2 | 942.4 |
| 47.5° | 1533.7 | 1456.3 | 1361.1 | 1163.0 | 862.2 | 579.8 | 352.7 | 125.6 | 352.7 | 579.8 | 862.2 |
| 50° | 1488.7 | 1413.5 | 1319.9 | 1118.0 | 807.7 | 524.3 | 321.4 | 118.5 | 321.4 | 524.3 | 807.7 |
| 52.5° | 1435.6 | 1365.0 | 1276.8 | 1073.3 | 754.5 | 470.5 | 291.0 | 111.5 | 291.0 | 470.5 | 754.5 |
| 55° | 1342.8 | 1281.1 | 1204.0 | 1002.6 | 676.8 | 395.8 | 249.5 | 103.2 | 249.5 | 395.8 | 676.8 |
| 57.5° | 1240.2 | 1187.8 | 1122.0 | 927.4 | 603.9 | 331.8 | 213.7 | 95.7 | 213.7 | 331.8 | 603.9 |
| 60° | 1166.5 | 1118.7 | 1059.2 | 872.4 | 558.2 | 297.0 | 194.6 | 92.2 | 194.6 | 297.0 | 558.2 |
| 62.5° | 1089.0 | 1044.9 | 990.1 | 812.7 | 512.6 | 265.2 | 176.1 | 86.9 | 176.1 | 265.2 | 512.6 |
| 65° | 963.3 | 927.0 | 881.1 | 721.6 | 448.5 | 225.6 | 153.4 | 81.2 | 153.4 | 225.6 | 448.5 |
| 67.5° | 807.6 | 789.9 | 761.4 | 628.0 | 389.8 | 195.8 | 134.6 | 73.3 | 134.6 | 195.8 | 389.8 |
| 70° | 683.1 | 686.3 | 676.5 | 565.8 | 354.1 | 181.2 | 124.6 | 68.0 | 124.6 | 181.2 | 354.1 |
| 72.5° | 521.0 | 556.9 | 578.4 | 497.7 | 314.9 | 165.2 | 114.9 | 64.5 | 114.9 | 165.2 | 314.9 |
| 75° | 246.3 | 316.1 | 409.7 | 388.3 | 251.7 | 139.0 | 98.0 | 57.1 | 98.0 | 139.0 | 251.7 |
| 77.5° | 189.2 | 225.9 | 275.5 | 259.2 | 177.1 | 107.8 | 77.2 | 46.5 | 77.2 | 107.8 | 177.1 |
| 80° | 153.9 | 155.1 | 157.1 | 143.9 | 115.6 | 88.3 | 63.9 | 39.5 | 63.9 | 88.3 | 115.6 |
| 82.5° | 112.9 | 111.8 | 109.8 | 101.0 | 85.2 | 68.8 | 50.6 | 32.5 | 50.6 | 68.8 | 85.2 |
| 85° | 36.8 | 43.2 | 51.0 | 52.4 | 47.6 | 41.2 | 30.5 | 19.8 | 30.5 | 41.2 | 47.6 |
| 87.5° | 16.8 | 16.5 | 16.5 | 17.6 | 19.6 | 19.4 | 13.6 | 8.2 | 13.6 | 19.1 | 20.4 |
| 90° | 40.3 | 38.4 | 38.4 | 36.5 | 30.7 | 23.0 | 13.4 | 5.8 | 13.4 | 21.1 | 34.5 |
| 92.5° | 48.0 | 47.6 | 44.5 | 41.1 | 33.8 | 33.8 | 33.4 | 21.1 | 36.5 | 51.8 | 74.5 |
| 95° | 44.1 | 44.1 | 51.8 | 65.2 | 96.0 | 97.9 | 65.2 | 59.5 | 84.4 | 119.0 | 149.7 |
| 97.5° | 119.4 | 142.0 | 174.3 | 180.4 | 170.8 | 127.4 | 122.1 | 113.6 | 154.7 | 188.8 | 238.4 |
| 100° | 220.7 | 249.5 | 272.5 | 226.5 | 178.5 | 176.6 | 165.0 | 161.2 | 205.3 | 238.0 | 285.9 |
| 102.5° | 345.1 | 353.9 | 274.0 | 247.9 | 236.8 | 228.8 | 211.1 | 208.8 | 252.9 | 297.8 | 338.1 |
| 105° | 374.2 | 335.8 | 337.8 | 337.8 | 330.1 | 314.7 | 282.1 | 280.2 | 330.1 | 381.9 | 431.8 |
| 107.5° | 440.2 | 446.0 | 456.0 | 453.7 | 444.8 | 403.8 | 365.4 | 356.6 | 401.5 | 463.7 | 518.5 |
| 110° | 527.8 | 533.5 | 537.3 | 533.5 | 520.1 | 468.3 | 422.2 | 408.8 | 449.1 | 514.3 | 573.8 |



TEST NUMBER: P1436016

CATALOG NUMBER: SQ2W-FB-K-125U-100D-L835-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 110° | 120° | 130° | 140° | 150° | 160° | 170° | 180° | 190° | 200° | 210° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 612.2 | 616.4 | 624.9 | 613.3 | 590.7 | 531.2 | 479.0 | 459.4 | 499.7 | 566.5 | 627.5 |
| 115° | 746.5 | 746.5 | 748.4 | 742.7 | 696.6 | 635.2 | 566.1 | 537.3 | 571.9 | 633.3 | 700.5 |
| 117.5° | 878.6 | 880.9 | 873.2 | 857.8 | 804.5 | 733.1 | 655.6 | 609.5 | 636.8 | 701.6 | 770.7 |
| 120° | 961.5 | 965.3 | 957.6 | 934.6 | 882.8 | 802.2 | 713.9 | 660.2 | 681.3 | 744.6 | 813.7 |
| 122.5° | 1047.4 | 1046.7 | 1037.5 | 1011.4 | 950.3 | 866.7 | 779.9 | 713.9 | 722.7 | 781.5 | 849.0 |
| 125° | 1166.8 | 1164.9 | 1157.2 | 1126.5 | 1063.2 | 976.8 | 875.1 | 794.5 | 783.0 | 832.9 | 902.0 |
| 127.5° | 1280.4 | 1276.2 | 1264.3 | 1227.1 | 1162.2 | 1078.9 | 967.2 | 875.9 | 850.2 | 881.6 | 945.0 |
| 130° | 1358.7 | 1353.0 | 1331.9 | 1291.6 | 1228.2 | 1149.5 | 1036.3 | 932.7 | 896.2 | 915.4 | 971.1 |
| 132.5° | 1433.9 | 1417.4 | 1399.4 | 1356.0 | 1297.3 | 1215.6 | 1100.8 | 992.6 | 942.3 | 950.7 | 994.1 |
| 135° | 1529.5 | 1514.2 | 1491.1 | 1448.9 | 1393.3 | 1312.7 | 1197.5 | 1080.5 | 1011.4 | 1003.7 | 1028.6 |
| 137.5° | 1613.6 | 1597.5 | 1571.4 | 1534.9 | 1478.9 | 1407.1 | 1296.5 | 1173.0 | 1085.8 | 1060.1 | 1069.7 |
| 140° | 1665.8 | 1646.6 | 1623.6 | 1587.1 | 1537.2 | 1462.4 | 1354.9 | 1235.9 | 1138.0 | 1101.6 | 1095.8 |
| 142.5° | 1708.8 | 1694.2 | 1669.6 | 1636.2 | 1592.5 | 1517.6 | 1413.2 | 1295.8 | 1191.8 | 1144.5 | 1131.1 |
| 145° | 1773.2 | 1761.7 | 1734.9 | 1704.2 | 1667.7 | 1592.8 | 1496.9 | 1379.8 | 1276.2 | 1214.8 | 1186.0 |
| 147.5° | 1827.7 | 1818.5 | 1797.4 | 1761.3 | 1730.6 | 1658.9 | 1571.4 | 1467.7 | 1361.4 | 1285.4 | 1248.2 |
| 150° | 1861.5 | 1853.8 | 1832.7 | 1798.2 | 1767.5 | 1700.3 | 1615.9 | 1519.9 | 1418.2 | 1337.6 | 1289.6 |
| 152.5° | 1893.8 | 1886.1 | 1861.9 | 1827.4 | 1801.3 | 1738.7 | 1661.9 | 1570.6 | 1467.3 | 1386.7 | 1337.2 |
| 155° | 1936.4 | 1926.8 | 1903.7 | 1871.1 | 1848.1 | 1790.5 | 1719.5 | 1638.9 | 1550.6 | 1466.2 | 1410.5 |
| 157.5° | 1970.1 | 1958.2 | 1936.8 | 1908.7 | 1884.2 | 1831.2 | 1769.4 | 1699.9 | 1622.8 | 1542.2 | 1485.4 |
| 160° | 1990.1 | 1976.7 | 1953.6 | 1928.7 | 1905.7 | 1855.8 | 1800.1 | 1736.8 | 1665.8 | 1592.8 | 1531.4 |
| 162.5° | 2003.9 | 1992.0 | 1964.4 | 1942.5 | 1922.5 | 1877.3 | 1824.7 | 1767.5 | 1704.2 | 1640.4 | 1583.6 |
| 165° | 2018.9 | 2005.5 | 1976.7 | 1959.4 | 1942.1 | 1903.7 | 1857.7 | 1811.6 | 1757.9 | 1706.1 | 1660.0 |
| 167.5° | 2020.0 | 2008.9 | 1980.1 | 1963.2 | 1950.6 | 1917.6 | 1880.3 | 1845.0 | 1803.2 | 1762.5 | 1724.1 |
| 170° | 2017.0 | 2007.4 | 1978.6 | 1963.2 | 1953.6 | 1926.8 | 1894.1 | 1863.4 | 1830.8 | 1796.3 | 1765.6 |
| 172.5° | 2006.2 | 1996.6 | 1969.4 | 1957.1 | 1952.1 | 1928.3 | 1901.8 | 1878.8 | 1850.8 | 1825.4 | 1800.9 |
| 175° | 1978.6 | 1970.9 | 1947.9 | 1940.2 | 1942.1 | 1926.8 | 1907.6 | 1894.1 | 1876.9 | 1861.5 | 1848.1 |
| 177.5° | 1938.3 | 1933.7 | 1916.8 | 1916.8 | 1922.9 | 1913.7 | 1907.6 | 1901.4 | 1893.8 | 1889.2 | 1884.6 |
| 180° | 1899.9 | 1899.9 | 1899.9 | 1899.9 | 1899.9 | 1899.9 | 1899.9 | 1899.9 | 1899.9 | 1899.9 | 1899.9 |



TEST NUMBER: P1436016

CATALOG NUMBER: SQ2W-FB-K-125U-100D-L835-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 220° | 230° | 240° | 250° | 260° | 270° | 280° | 290° | 300° | 310° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 456.5 | 456.5 | 456.5 | 456.5 | 456.5 | 456.5 | 456.5 | 456.5 | 456.5 | 456.5 | 456.5 |
| 2.5° | 488.7 | 498.9 | 509.8 | 519.2 | 523.9 | 528.5 | 523.9 | 519.2 | 509.8 | 498.9 | 488.7 |
| 5° | 591.2 | 644.3 | 703.8 | 754.8 | 780.2 | 805.5 | 780.2 | 754.8 | 703.8 | 644.3 | 591.2 |
| 7.5° | 819.6 | 973.6 | 1133.2 | 1265.6 | 1316.3 | 1367.0 | 1316.3 | 1265.6 | 1133.2 | 973.6 | 819.6 |
| 10° | 1047.7 | 1245.7 | 1384.3 | 1495.0 | 1522.3 | 1549.6 | 1522.3 | 1495.0 | 1384.3 | 1245.7 | 1047.7 |
| 12.5° | 1196.6 | 1402.4 | 1499.6 | 1579.5 | 1607.6 | 1635.7 | 1607.6 | 1579.5 | 1499.6 | 1402.4 | 1196.6 |
| 15° | 1329.2 | 1540.8 | 1619.9 | 1686.9 | 1718.1 | 1749.4 | 1718.1 | 1686.9 | 1619.9 | 1540.8 | 1329.2 |
| 17.5° | 1402.5 | 1608.9 | 1687.2 | 1750.1 | 1767.1 | 1784.0 | 1767.1 | 1750.1 | 1687.2 | 1608.9 | 1402.5 |
| 20° | 1445.2 | 1640.3 | 1707.7 | 1760.8 | 1771.6 | 1782.3 | 1771.6 | 1760.8 | 1707.7 | 1640.3 | 1445.2 |
| 22.5° | 1476.3 | 1658.5 | 1709.4 | 1750.5 | 1762.0 | 1773.5 | 1762.0 | 1750.5 | 1709.4 | 1658.5 | 1476.3 |
| 25° | 1506.9 | 1673.3 | 1705.5 | 1731.6 | 1739.4 | 1747.2 | 1739.4 | 1731.6 | 1705.5 | 1673.3 | 1506.9 |
| 27.5° | 1502.0 | 1657.2 | 1678.2 | 1696.0 | 1703.6 | 1711.2 | 1703.6 | 1696.0 | 1678.2 | 1657.2 | 1502.0 |
| 30° | 1488.9 | 1638.6 | 1654.2 | 1668.6 | 1679.4 | 1690.1 | 1679.4 | 1668.6 | 1654.2 | 1638.6 | 1488.9 |
| 32.5° | 1468.8 | 1615.4 | 1630.3 | 1647.2 | 1670.4 | 1693.6 | 1670.4 | 1647.2 | 1630.3 | 1615.4 | 1468.8 |
| 35° | 1431.3 | 1581.1 | 1604.5 | 1632.8 | 1675.7 | 1718.6 | 1675.7 | 1632.8 | 1604.5 | 1581.1 | 1431.3 |
| 37.5° | 1379.7 | 1542.9 | 1591.9 | 1639.0 | 1680.3 | 1721.7 | 1680.3 | 1639.0 | 1591.9 | 1542.9 | 1379.7 |
| 40° | 1342.1 | 1514.3 | 1579.6 | 1637.4 | 1672.5 | 1707.7 | 1672.5 | 1637.4 | 1579.6 | 1514.3 | 1342.1 |
| 42.5° | 1298.8 | 1477.6 | 1553.9 | 1619.9 | 1655.0 | 1690.1 | 1655.0 | 1619.9 | 1553.9 | 1477.6 | 1298.8 |
| 45° | 1230.1 | 1418.9 | 1508.7 | 1584.3 | 1617.4 | 1650.6 | 1617.4 | 1584.3 | 1508.7 | 1418.9 | 1230.1 |
| 47.5° | 1163.0 | 1361.1 | 1456.3 | 1533.7 | 1557.9 | 1582.1 | 1557.9 | 1533.7 | 1456.3 | 1361.1 | 1163.0 |
| 50° | 1118.0 | 1319.9 | 1413.5 | 1488.7 | 1508.2 | 1527.7 | 1508.2 | 1488.7 | 1413.5 | 1319.9 | 1118.0 |
| 52.5° | 1073.3 | 1276.8 | 1365.0 | 1435.6 | 1453.5 | 1471.5 | 1453.5 | 1435.6 | 1365.0 | 1276.8 | 1073.3 |
| 55° | 1002.6 | 1204.0 | 1281.1 | 1342.8 | 1358.4 | 1374.0 | 1358.4 | 1342.8 | 1281.1 | 1204.0 | 1002.6 |
| 57.5° | 927.4 | 1122.0 | 1187.8 | 1240.2 | 1252.9 | 1265.6 | 1252.9 | 1240.2 | 1187.8 | 1122.0 | 927.4 |
| 60° | 872.4 | 1059.2 | 1118.7 | 1166.5 | 1179.2 | 1191.8 | 1179.2 | 1166.5 | 1118.7 | 1059.2 | 872.4 |
| 62.5° | 812.7 | 990.1 | 1044.9 | 1089.0 | 1100.9 | 1112.8 | 1100.9 | 1089.0 | 1044.9 | 990.1 | 812.7 |
| 65° | 721.6 | 881.1 | 927.0 | 963.3 | 971.1 | 978.9 | 971.1 | 963.3 | 927.0 | 881.1 | 721.6 |
| 67.5° | 628.0 | 761.4 | 789.9 | 807.6 | 793.0 | 778.3 | 793.0 | 807.6 | 789.9 | 761.4 | 628.0 |
| 70° | 565.8 | 676.5 | 686.3 | 683.1 | 641.2 | 599.2 | 641.2 | 683.1 | 686.3 | 676.5 | 565.8 |
| 72.5° | 497.7 | 578.4 | 556.9 | 521.0 | 441.6 | 362.2 | 441.6 | 521.0 | 556.9 | 578.4 | 497.7 |
| 75° | 388.3 | 409.7 | 316.1 | 246.3 | 248.3 | 250.2 | 248.3 | 246.3 | 316.1 | 409.7 | 388.3 |
| 77.5° | 259.2 | 275.5 | 225.9 | 189.2 | 191.0 | 192.7 | 191.0 | 189.2 | 225.9 | 275.5 | 259.2 |
| 80° | 143.9 | 157.1 | 155.1 | 153.9 | 154.9 | 155.8 | 154.9 | 153.9 | 155.1 | 157.1 | 143.9 |
| 82.5° | 101.0 | 109.8 | 111.8 | 112.9 | 111.6 | 110.2 | 111.6 | 112.9 | 111.8 | 109.8 | 101.0 |
| 85° | 52.4 | 51.0 | 43.2 | 36.8 | 34.9 | 32.9 | 34.9 | 36.8 | 43.2 | 51.0 | 52.4 |
| 87.5° | 19.2 | 20.3 | 23.0 | 24.5 | 26.1 | 25.3 | 26.1 | 24.5 | 23.0 | 20.3 | 19.2 |
| 90° | 44.1 | 57.6 | 71.0 | 78.7 | 86.4 | 82.5 | 86.4 | 78.7 | 71.0 | 57.6 | 44.1 |
| 92.5° | 88.7 | 111.3 | 127.8 | 141.6 | 147.8 | 147.0 | 147.8 | 141.6 | 127.8 | 111.3 | 88.7 |
| 95° | 178.5 | 205.3 | 232.2 | 251.4 | 262.9 | 259.1 | 262.9 | 251.4 | 232.2 | 205.3 | 178.5 |
| 97.5° | 275.2 | 311.3 | 341.2 | 359.3 | 370.8 | 378.4 | 370.8 | 359.3 | 341.2 | 311.3 | 275.2 |
| 100° | 339.7 | 374.2 | 408.8 | 429.9 | 449.1 | 456.7 | 449.1 | 429.9 | 408.8 | 374.2 | 339.7 |
| 102.5° | 391.9 | 437.2 | 474.8 | 497.4 | 513.5 | 521.2 | 513.5 | 497.4 | 474.8 | 437.2 | 391.9 |
| 105° | 477.9 | 525.8 | 566.1 | 594.9 | 612.2 | 617.9 | 612.2 | 594.9 | 566.1 | 525.8 | 477.9 |
| 107.5° | 563.8 | 613.3 | 650.6 | 682.4 | 703.5 | 715.8 | 703.5 | 682.4 | 650.6 | 613.3 | 563.8 |
| 110° | 631.4 | 671.7 | 712.0 | 740.8 | 761.9 | 769.6 | 761.9 | 740.8 | 712.0 | 671.7 | 631.4 |



TEST NUMBER: P1436016

CATALOG NUMBER: SQ2W-FB-K-125U-100D-L835-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 220° | 230° | 240° | 250° | 260° | 270° | 280° | 290° | 300° | 310° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 688.2 | 733.1 | 773.4 | 802.2 | 826.4 | 837.1 | 826.4 | 802.2 | 773.4 | 733.1 | 688.2 |
| 115° | 767.6 | 827.1 | 863.6 | 890.5 | 907.7 | 917.3 | 907.7 | 890.5 | 863.6 | 827.1 | 767.6 |
| 117.5° | 833.7 | 895.8 | 935.8 | 956.5 | 964.5 | 971.4 | 964.5 | 956.5 | 935.8 | 895.8 | 833.7 |
| 120° | 875.1 | 932.7 | 978.7 | 1005.6 | 1015.2 | 1019.0 | 1015.2 | 1005.6 | 978.7 | 932.7 | 875.1 |
| 122.5° | 913.5 | 968.0 | 1012.5 | 1045.5 | 1061.3 | 1065.1 | 1061.3 | 1045.5 | 1012.5 | 968.0 | 913.5 |
| 125° | 967.2 | 1019.0 | 1065.1 | 1097.7 | 1115.0 | 1124.6 | 1115.0 | 1097.7 | 1065.1 | 1019.0 | 967.2 |
| 127.5° | 1014.1 | 1070.1 | 1112.3 | 1141.9 | 1158.7 | 1166.4 | 1158.7 | 1141.9 | 1112.3 | 1070.1 | 1014.1 |
| 130° | 1040.1 | 1097.7 | 1139.9 | 1172.6 | 1187.9 | 1195.6 | 1187.9 | 1172.6 | 1139.9 | 1097.7 | 1040.1 |
| 132.5° | 1060.1 | 1120.8 | 1164.5 | 1194.1 | 1210.9 | 1218.6 | 1210.9 | 1194.1 | 1164.5 | 1120.8 | 1060.1 |
| 135° | 1084.3 | 1147.6 | 1193.7 | 1222.5 | 1237.8 | 1245.5 | 1237.8 | 1222.5 | 1193.7 | 1147.6 | 1084.3 |
| 137.5° | 1105.4 | 1163.0 | 1210.9 | 1241.3 | 1255.1 | 1260.1 | 1255.1 | 1241.3 | 1210.9 | 1163.0 | 1105.4 |
| 140° | 1120.8 | 1170.6 | 1218.6 | 1247.4 | 1262.8 | 1264.7 | 1262.8 | 1247.4 | 1218.6 | 1170.6 | 1120.8 |
| 142.5° | 1140.7 | 1179.9 | 1221.7 | 1250.5 | 1265.8 | 1269.3 | 1265.8 | 1250.5 | 1221.7 | 1179.9 | 1140.7 |
| 145° | 1176.4 | 1199.4 | 1228.2 | 1255.1 | 1268.5 | 1272.4 | 1268.5 | 1255.1 | 1228.2 | 1199.4 | 1176.4 |
| 147.5° | 1221.3 | 1228.6 | 1243.6 | 1261.2 | 1274.3 | 1277.0 | 1274.3 | 1261.2 | 1243.6 | 1228.6 | 1221.3 |
| 150° | 1255.1 | 1253.2 | 1258.9 | 1270.4 | 1282.0 | 1280.0 | 1282.0 | 1270.4 | 1258.9 | 1253.2 | 1255.1 |
| 152.5° | 1293.5 | 1282.3 | 1282.0 | 1287.3 | 1292.7 | 1292.3 | 1292.7 | 1287.3 | 1282.0 | 1282.3 | 1293.5 |
| 155° | 1358.7 | 1337.6 | 1326.1 | 1322.3 | 1322.3 | 1320.3 | 1322.3 | 1322.3 | 1326.1 | 1337.6 | 1358.7 |
| 157.5° | 1430.5 | 1400.9 | 1383.7 | 1374.5 | 1371.8 | 1367.5 | 1371.8 | 1374.5 | 1383.7 | 1400.9 | 1430.5 |
| 160° | 1479.6 | 1447.0 | 1429.7 | 1414.4 | 1408.6 | 1402.9 | 1408.6 | 1414.4 | 1429.7 | 1447.0 | 1479.6 |
| 162.5° | 1525.7 | 1494.6 | 1475.8 | 1462.0 | 1456.2 | 1447.4 | 1456.2 | 1462.0 | 1475.8 | 1494.6 | 1525.7 |
| 165° | 1600.5 | 1567.9 | 1546.8 | 1535.3 | 1527.6 | 1519.9 | 1527.6 | 1535.3 | 1546.8 | 1567.9 | 1600.5 |
| 167.5° | 1675.4 | 1639.7 | 1625.9 | 1612.8 | 1605.5 | 1591.7 | 1605.5 | 1612.8 | 1625.9 | 1639.7 | 1675.4 |
| 170° | 1721.4 | 1688.8 | 1681.1 | 1669.6 | 1656.2 | 1640.8 | 1656.2 | 1669.6 | 1681.1 | 1688.8 | 1721.4 |
| 172.5° | 1761.3 | 1739.5 | 1731.8 | 1720.3 | 1716.1 | 1703.8 | 1716.1 | 1720.3 | 1731.8 | 1739.5 | 1761.3 |
| 175° | 1819.3 | 1802.0 | 1802.0 | 1800.1 | 1794.4 | 1782.8 | 1794.4 | 1800.1 | 1802.0 | 1802.0 | 1819.3 |
| 177.5° | 1867.7 | 1858.5 | 1864.6 | 1864.6 | 1863.1 | 1852.3 | 1863.1 | 1864.6 | 1864.6 | 1858.5 | 1867.7 |
| 180° | 1899.9 | 1899.9 | 1899.9 | 1899.9 | 1899.9 | 1899.9 | 1899.9 | 1899.9 | 1899.9 | 1899.9 | 1899.9 |



TEST NUMBER: P1436016

CATALOG NUMBER: SQ2W-FB-K-125U-100D-L835-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 330° | 340° | 350° | 360° |
|--------|--------|-------|-------|-------|
| 0° | 456.5 | 456.5 | 456.5 | 456.5 |
| 2.5° | 479.4 | 470.2 | 461.6 | 453.0 |
| 5° | 544.3 | 501.9 | 472.6 | 443.4 |
| 7.5° | 671.4 | 545.3 | 485.8 | 426.3 |
| 10° | 790.2 | 576.3 | 493.4 | 410.5 |
| 12.5° | 882.1 | 618.0 | 505.5 | 392.9 |
| 15° | 984.8 | 686.3 | 525.3 | 364.4 |
| 17.5° | 1067.9 | 763.4 | 549.2 | 334.9 |
| 20° | 1122.3 | 817.2 | 565.6 | 313.9 |
| 22.5° | 1162.7 | 857.2 | 575.9 | 294.6 |
| 25° | 1206.5 | 901.9 | 584.8 | 267.8 |
| 27.5° | 1212.6 | 911.9 | 576.9 | 241.9 |
| 30° | 1205.0 | 907.0 | 566.5 | 226.1 |
| 32.5° | 1190.4 | 896.1 | 554.1 | 212.0 |
| 35° | 1155.3 | 864.1 | 527.5 | 191.0 |
| 37.5° | 1102.3 | 814.1 | 493.5 | 173.0 |
| 40° | 1063.1 | 777.0 | 469.7 | 162.4 |
| 42.5° | 1017.4 | 733.7 | 442.8 | 151.9 |
| 45° | 942.4 | 661.2 | 399.7 | 138.3 |
| 47.5° | 862.2 | 579.8 | 352.7 | 125.6 |
| 50° | 807.7 | 524.3 | 321.4 | 118.5 |
| 52.5° | 754.5 | 470.5 | 291.0 | 111.5 |
| 55° | 676.8 | 395.8 | 249.5 | 103.2 |
| 57.5° | 603.9 | 331.8 | 213.7 | 95.7 |
| 60° | 558.2 | 297.0 | 194.6 | 92.2 |
| 62.5° | 512.6 | 265.2 | 176.1 | 86.9 |
| 65° | 448.5 | 225.6 | 153.4 | 81.2 |
| 67.5° | 389.8 | 195.8 | 134.6 | 73.3 |
| 70° | 354.1 | 181.2 | 124.6 | 68.0 |
| 72.5° | 314.9 | 165.2 | 114.9 | 64.5 |
| 75° | 251.7 | 139.0 | 98.0 | 57.1 |
| 77.5° | 177.1 | 107.8 | 77.2 | 46.5 |
| 80° | 115.6 | 88.3 | 63.9 | 39.5 |
| 82.5° | 85.2 | 68.8 | 50.6 | 32.5 |
| 85° | 47.6 | 41.2 | 30.5 | 19.8 |
| 87.5° | 20.4 | 19.1 | 13.6 | 8.2 |
| 90° | 34.5 | 21.1 | 13.4 | 5.8 |
| 92.5° | 74.5 | 51.8 | 36.5 | 21.1 |
| 95° | 149.7 | 119.0 | 84.4 | 59.5 |
| 97.5° | 238.4 | 188.8 | 154.7 | 113.6 |
| 100° | 285.9 | 238.0 | 205.3 | 161.2 |
| 102.5° | 338.1 | 297.8 | 252.9 | 208.8 |
| 105° | 431.8 | 381.9 | 330.1 | 280.2 |
| 107.5° | 518.5 | 463.7 | 401.5 | 356.6 |
| 110° | 573.8 | 514.3 | 449.1 | 408.8 |



TEST NUMBER: P1436016

CATALOG NUMBER: SQ2W-FB-K-125U-100D-L835-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 330° | 340° | 350° | 360° |
|--------|--------|--------|--------|--------|
| 112.5° | 627.5 | 566.5 | 499.7 | 459.4 |
| 115° | 700.5 | 633.3 | 571.9 | 537.3 |
| 117.5° | 770.7 | 701.6 | 636.8 | 609.5 |
| 120° | 813.7 | 744.6 | 681.3 | 660.2 |
| 122.5° | 849.0 | 781.5 | 722.7 | 713.9 |
| 125° | 902.0 | 832.9 | 783.0 | 794.5 |
| 127.5° | 945.0 | 881.6 | 850.2 | 875.9 |
| 130° | 971.1 | 915.4 | 896.2 | 932.7 |
| 132.5° | 994.1 | 950.7 | 942.3 | 992.6 |
| 135° | 1028.6 | 1003.7 | 1011.4 | 1080.5 |
| 137.5° | 1069.7 | 1060.1 | 1085.8 | 1173.0 |
| 140° | 1095.8 | 1101.6 | 1138.0 | 1235.9 |
| 142.5° | 1131.1 | 1144.5 | 1191.8 | 1295.8 |
| 145° | 1186.0 | 1214.8 | 1276.2 | 1379.8 |
| 147.5° | 1248.2 | 1285.4 | 1361.4 | 1467.7 |
| 150° | 1289.6 | 1337.6 | 1418.2 | 1519.9 |
| 152.5° | 1337.2 | 1386.7 | 1467.3 | 1570.6 |
| 155° | 1410.5 | 1466.2 | 1550.6 | 1638.9 |
| 157.5° | 1485.4 | 1542.2 | 1622.8 | 1699.9 |
| 160° | 1531.4 | 1592.8 | 1665.8 | 1736.8 |
| 162.5° | 1583.6 | 1640.4 | 1704.2 | 1767.5 |
| 165° | 1660.0 | 1706.1 | 1757.9 | 1811.6 |
| 167.5° | 1724.1 | 1762.5 | 1803.2 | 1845.0 |
| 170° | 1765.6 | 1796.3 | 1830.8 | 1863.4 |
| 172.5° | 1800.9 | 1825.4 | 1850.8 | 1878.8 |
| 175° | 1848.1 | 1861.5 | 1876.9 | 1894.1 |
| 177.5° | 1884.6 | 1889.2 | 1893.8 | 1901.4 |
| 180° | 1899.9 | 1899.9 | 1899.9 | 1899.9 |



TEST NUMBER: P1436016
 CATALOG NUMBER: SQ2W-FB-K-125U-100D-L835-UNV-STD-W-WM-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 | 12.63 | 13.47 | 13.62 | 14.48 | 15.82 | 22.22 | 23.06 | 23.22 | 24.07 | 25.41 |
| | 3H | 13.56 | 14.32 | 14.57 | 15.33 | 16.70 | 23.83 | 24.58 | 24.83 | 25.60 | 26.96 |
| | 4H | 13.96 | 14.67 | 14.98 | 15.69 | 17.06 | 24.00 | 24.72 | 25.02 | 25.74 | 27.11 |
| | 6H | 14.21 | 14.87 | 15.24 | 15.90 | 17.28 | 24.08 | 24.73 | 25.11 | 25.76 | 27.14 |
| | 8H | 14.30 | 14.93 | 15.34 | 15.97 | 17.35 | 24.09 | 24.72 | 25.13 | 25.76 | 27.14 |
| | 12H | 14.35 | 14.95 | 15.39 | 15.98 | 17.39 | 24.07 | 24.67 | 25.11 | 25.70 | 27.10 |
| 4H | 2H | 17.34 | 18.06 | 18.37 | 19.08 | 20.45 | 22.58 | 23.30 | 23.61 | 24.32 | 25.69 |
| | 3H | 18.47 | 19.06 | 19.50 | 20.11 | 21.50 | 24.47 | 25.07 | 25.50 | 26.12 | 27.50 |
| | 4H | 18.75 | 19.29 | 19.79 | 20.34 | 21.74 | 24.69 | 25.24 | 25.73 | 26.28 | 27.68 |
| | 6H | 18.88 | 19.35 | 19.93 | 20.42 | 21.82 | 24.82 | 25.29 | 25.87 | 26.35 | 27.75 |
| | 8H | 18.92 | 19.36 | 19.97 | 20.42 | 21.83 | 24.87 | 25.30 | 25.92 | 26.36 | 27.78 |
| | 12H | 18.92 | 19.32 | 19.99 | 20.39 | 21.81 | 24.85 | 25.24 | 25.92 | 26.31 | 27.74 |
| 8H | 4H | 19.94 | 20.38 | 20.99 | 21.44 | 22.85 | 24.78 | 25.22 | 25.83 | 26.27 | 27.69 |
| | 6H | 20.20 | 20.56 | 21.27 | 21.66 | 23.07 | 24.98 | 25.34 | 26.05 | 26.44 | 27.85 |
| | 8H | 20.30 | 20.61 | 21.38 | 21.70 | 23.13 | 25.07 | 25.38 | 26.15 | 26.47 | 27.90 |
| | 12H | 20.34 | 20.61 | 21.42 | 21.69 | 23.17 | 25.07 | 25.35 | 26.16 | 26.43 | 27.90 |
| 12H | 4H | 19.96 | 20.36 | 21.03 | 21.43 | 22.85 | 24.73 | 25.13 | 25.80 | 26.20 | 27.62 |
| | 6H | 20.30 | 20.62 | 21.39 | 21.70 | 23.14 | 24.96 | 25.28 | 26.04 | 26.36 | 27.79 |
| | 8H | 20.44 | 20.72 | 21.53 | 21.80 | 23.27 | 25.06 | 25.34 | 26.15 | 26.41 | 27.89 |