

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: P1435834

Luminaire Tested: SQ2W-FA-K-100U-125D-L940-UNV-STD-W-WM-4

Issue Date: 3/24/2026

Test Information

Test Method: LM-79-2019
Report Number: P1435834
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2303-941-3, G2-2502-345-2)
Test Lab: INNOVATION CENTER
Issue Date: 3/24/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ2W-FA-K-100U-125D-L940-UNV-STD-W-WM-4
Description: CORELITE SQ2W WALL MOUNTED LED LUMINAIRE
DOWNLIGHT - FROSTED CONTINUOUS ASYMMETRIC ROLL LENS
UPLIGHT - ASYMMETRIC ROLL LENS
DOWNLIGHT 1250 LUMENS PER FOOT
UPLIGHT 1000 LUMENS PER FOOT
Light Source: 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

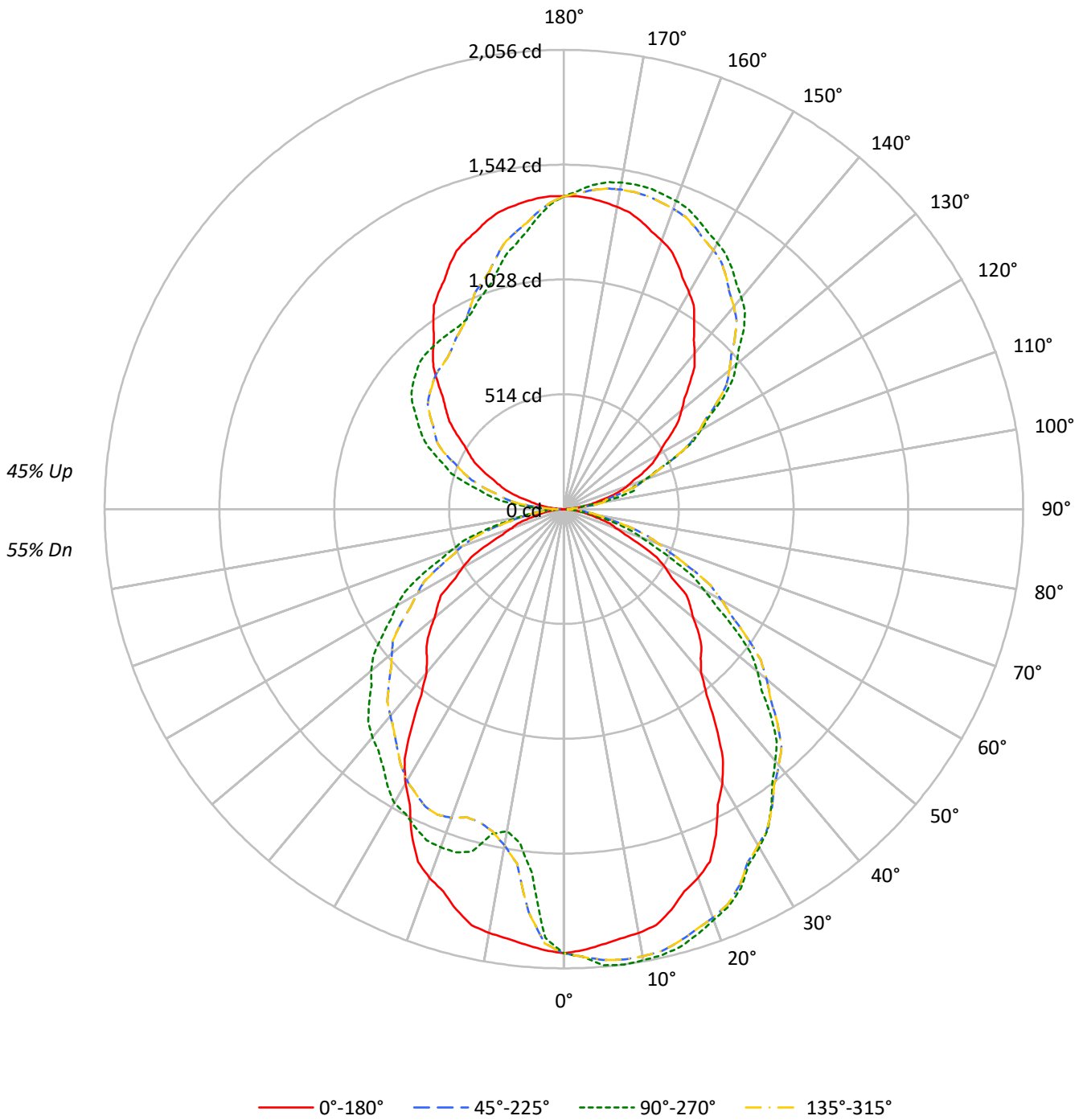
Lumens per Lamp: N/A
Luminaire Lumens: 9033.8 lumens
Efficiency: N/A
Efficacy: 109.8 lumens/watt
Spacing Criteria (0/90/45): 1.08 / 1.23 / 1.34
Luminous Opening: Rectangular (W 0.17' x L: 4' x H: 0')
CIE Type: General Diffuse

Input Watts (W): 82.3
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: P1435834

CATALOG NUMBER: SQ2W-FA-K-100U-125D-L940-UNV-STD-W-WM-4

Luminous Intensity Polar Plot





TEST NUMBER: P1435834

CATALOG NUMBER: SQ2W-FA-K-100U-125D-L940-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 | 50 | 30 | 10 | 0 | |
| RCR | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 108 | 108 | 108 | 108 | 100 | 100 | 100 | 100 | 86 | 86 | 86 | 73 | 73 | 73 | 60 | 60 | 60 | 55 | | | | |
| 1 | 99 | 95 | 91 | 87 | 92 | 88 | 85 | 82 | 76 | 73 | 71 | 64 | 62 | 61 | 54 | 52 | 51 | 46 | | | | |
| 2 | 90 | 83 | 77 | 71 | 83 | 77 | 72 | 67 | 66 | 62 | 59 | 56 | 53 | 51 | 47 | 45 | 43 | 39 | | | | |
| 3 | 82 | 73 | 65 | 60 | 76 | 68 | 61 | 56 | 59 | 54 | 49 | 50 | 46 | 43 | 42 | 39 | 37 | 33 | | | | |
| 4 | 75 | 64 | 56 | 50 | 70 | 60 | 53 | 48 | 52 | 47 | 42 | 44 | 40 | 37 | 37 | 34 | 32 | 28 | | | | |
| 5 | 69 | 57 | 49 | 43 | 64 | 54 | 46 | 41 | 47 | 41 | 36 | 40 | 35 | 32 | 34 | 30 | 28 | 25 | | | | |
| 6 | 64 | 51 | 43 | 37 | 59 | 48 | 41 | 36 | 42 | 36 | 32 | 36 | 31 | 28 | 31 | 27 | 24 | 22 | | | | |
| 7 | 59 | 46 | 38 | 33 | 55 | 44 | 36 | 31 | 38 | 32 | 28 | 33 | 28 | 25 | 28 | 24 | 22 | 19 | | | | |
| 8 | 55 | 42 | 34 | 29 | 51 | 40 | 33 | 28 | 35 | 29 | 25 | 30 | 25 | 22 | 26 | 22 | 19 | 17 | | | | |
| 9 | 51 | 39 | 31 | 26 | 47 | 36 | 29 | 25 | 32 | 26 | 22 | 28 | 23 | 20 | 24 | 20 | 17 | 15 | | | | |
| 10 | 48 | 35 | 28 | 23 | 44 | 33 | 27 | 22 | 29 | 24 | 20 | 25 | 21 | 18 | 22 | 18 | 16 | 14 | | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 32105 | 32105 | 32105 | 32105 |
| 5° | 31729 | 33228 | 31729 | 26483 |
| 10° | 31589 | 33612 | 31589 | 24008 |
| 15° | 31048 | 33882 | 31048 | 26539 |
| 20° | 30193 | 33637 | 30193 | 27676 |
| 25° | 28696 | 33365 | 28696 | 28010 |
| 30° | 26440 | 32618 | 26440 | 28308 |
| 35° | 23394 | 31901 | 23394 | 27799 |
| 40° | 20143 | 31027 | 20143 | 28103 |
| 45° | 19885 | 29918 | 19885 | 28158 |
| 50° | 18972 | 28459 | 18972 | 28265 |
| 55° | 18874 | 26252 | 18874 | 27988 |
| 60° | 16924 | 23395 | 16924 | 27874 |
| 65° | 14430 | 20611 | 14430 | 27090 |
| 70° | 11641 | 17466 | 11641 | 25104 |
| 75° | 10100 | 14423 | 10100 | 23081 |
| 80° | 8601 | 10748 | 8601 | 18633 |
| 85° | 5706 | 5706 | 5706 | 11430 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 40°
 Vertical Angle: 45°
 Luminance: 30857 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 178.9 | 2.0 |
| 10°-20° | 499.9 | 5.5 |
| 20°-30° | 759.2 | 8.4 |
| 30°-40° | 891.4 | 9.9 |
| 40°-50° | 904.6 | 10.0 |
| 50°-60° | 792.3 | 8.8 |
| 60°-70° | 562.0 | 6.2 |
| 70°-80° | 289.3 | 3.2 |
| 80°-90° | 66.5 | 0.7 |
| 90°-100° | 111.5 | 1.2 |
| 100°-110° | 325.1 | 3.6 |
| 110°-120° | 530.5 | 5.9 |
| 120°-130° | 673.2 | 7.5 |
| 130°-140° | 720.3 | 8.0 |
| 140°-150° | 672.6 | 7.4 |
| 150°-160° | 553.5 | 6.1 |
| 160°-170° | 371.2 | 4.1 |
| 170°-180° | 131.8 | 1.5 |
| 0°-30° | 1438.1 | 15.9 |
| 0°-40° | 2329.4 | 25.8 |
| 0°-60° | 4026.3 | 44.6 |
| 0°-90° | 4944.1 | 54.7 |
| 90°-120° | 967.1 | 10.7 |
| 90°-150° | 3033.2 | 33.6 |
| 90°-180° | 4090.0 | 45.3 |
| 0°-180° | 9033.8 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1988 | 1988 | 1988 | 1988 | 1988 | |
| 5° | 1958 | 2050 | 1958 | 1634 | 1958 | 186 |
| 15° | 1858 | 2027 | 1858 | 1588 | 1858 | 522 |
| 25° | 1611 | 1873 | 1611 | 1572 | 1611 | 735 |
| 35° | 1187 | 1618 | 1187 | 1410 | 1187 | 740 |
| 45° | 871 | 1310 | 871 | 1233 | 871 | 666 |
| 55° | 670 | 933 | 670 | 994 | 670 | 580 |
| 65° | 378 | 540 | 378 | 709 | 378 | 377 |
| 75° | 162 | 231 | 162 | 370 | 162 | 175 |
| 85° | 31 | 31 | 31 | 62 | 31 | 39 |
| 90° | 4 | 31 | 4 | 61 | 4 | 4 |
| 95° | 44 | 32 | 44 | 191 | 44 | 53 |
| 105° | 207 | 331 | 207 | 456 | 207 | 220 |
| 115° | 396 | 549 | 396 | 676 | 396 | 390 |
| 125° | 586 | 870 | 586 | 829 | 586 | 524 |
| 135° | 796 | 1139 | 796 | 918 | 796 | 616 |
| 145° | 1017 | 1313 | 1017 | 938 | 1017 | 636 |
| 155° | 1208 | 1426 | 1208 | 973 | 1208 | 555 |
| 165° | 1336 | 1487 | 1336 | 1120 | 1336 | 376 |
| 175° | 1396 | 1456 | 1396 | 1314 | 1396 | 132 |
| 180° | 1401 | 1401 | 1401 | 1401 | 1401 | |



TEST NUMBER: P1435834

CATALOG NUMBER: SQ2W-FA-K-100U-125D-L940-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 30° | 40° | 50° | 60° | 70° | 80° | 90° | 100° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1988.5 | 1988.5 | 1988.5 | 1988.5 | 1988.5 | 1988.5 | 1988.5 | 1988.5 | 1988.5 | 1988.5 | 1988.5 |
| 2.5° | 1976.2 | 1989.9 | 2003.6 | 2007.0 | 2007.0 | 2007.0 | 2007.0 | 2007.0 | 2007.0 | 2007.0 | 2007.0 |
| 5° | 1957.7 | 1981.7 | 2005.6 | 2016.8 | 2023.6 | 2028.8 | 2032.2 | 2036.5 | 2043.3 | 2050.2 | 2043.3 |
| 7.5° | 1939.2 | 1971.4 | 2003.6 | 2019.3 | 2029.6 | 2037.8 | 2044.0 | 2049.5 | 2052.9 | 2056.3 | 2052.9 |
| 10° | 1926.8 | 1964.5 | 2002.2 | 2019.3 | 2029.6 | 2036.5 | 2039.9 | 2043.3 | 2046.7 | 2050.2 | 2046.7 |
| 12.5° | 1908.3 | 1948.8 | 1989.2 | 2009.1 | 2022.1 | 2030.3 | 2033.7 | 2037.1 | 2040.6 | 2044.0 | 2040.6 |
| 15° | 1857.5 | 1912.3 | 1967.1 | 1988.5 | 1998.8 | 2007.3 | 2014.2 | 2020.2 | 2023.6 | 2027.0 | 2023.6 |
| 17.5° | 1794.3 | 1860.7 | 1927.2 | 1954.1 | 1967.8 | 1977.7 | 1983.9 | 1989.2 | 1991.9 | 1994.7 | 1991.9 |
| 20° | 1757.3 | 1829.2 | 1901.2 | 1929.4 | 1943.1 | 1951.7 | 1955.1 | 1957.7 | 1957.7 | 1957.7 | 1957.7 |
| 22.5° | 1708.0 | 1788.1 | 1868.3 | 1898.6 | 1912.3 | 1919.5 | 1920.2 | 1921.4 | 1924.1 | 1926.8 | 1924.1 |
| 25° | 1610.8 | 1703.3 | 1795.8 | 1834.4 | 1854.9 | 1863.5 | 1860.0 | 1859.2 | 1866.0 | 1872.9 | 1866.0 |
| 27.5° | 1492.1 | 1608.6 | 1725.1 | 1764.5 | 1778.2 | 1786.7 | 1790.2 | 1792.7 | 1792.7 | 1792.7 | 1792.7 |
| 30° | 1418.2 | 1548.3 | 1678.5 | 1721.3 | 1735.0 | 1743.6 | 1747.0 | 1749.6 | 1749.6 | 1749.6 | 1749.6 |
| 32.5° | 1325.7 | 1480.5 | 1635.3 | 1682.3 | 1693.2 | 1699.0 | 1699.7 | 1700.2 | 1700.2 | 1700.2 | 1700.2 |
| 35° | 1186.9 | 1375.3 | 1563.7 | 1616.0 | 1622.8 | 1626.3 | 1626.3 | 1625.4 | 1622.0 | 1618.5 | 1622.0 |
| 37.5° | 1048.2 | 1262.0 | 1475.7 | 1536.9 | 1547.1 | 1549.9 | 1545.1 | 1540.6 | 1537.2 | 1533.8 | 1537.2 |
| 40° | 955.7 | 1188.6 | 1421.6 | 1487.5 | 1497.8 | 1497.8 | 1487.5 | 1479.0 | 1475.5 | 1472.1 | 1475.5 |
| 42.5° | 906.4 | 1136.6 | 1366.8 | 1432.0 | 1442.3 | 1440.9 | 1427.9 | 1417.3 | 1413.9 | 1410.4 | 1413.9 |
| 45° | 870.9 | 1076.5 | 1282.0 | 1341.1 | 1351.4 | 1349.6 | 1335.9 | 1324.0 | 1317.1 | 1310.3 | 1317.1 |
| 47.5° | 817.0 | 997.8 | 1178.7 | 1236.8 | 1253.9 | 1252.2 | 1231.6 | 1214.5 | 1207.7 | 1200.8 | 1207.7 |
| 50° | 755.3 | 933.4 | 1111.6 | 1169.0 | 1186.1 | 1184.4 | 1163.8 | 1146.7 | 1139.8 | 1133.0 | 1139.8 |
| 52.5° | 712.2 | 879.3 | 1046.5 | 1099.1 | 1113.5 | 1109.0 | 1085.7 | 1066.5 | 1059.7 | 1052.8 | 1059.7 |
| 55° | 670.5 | 811.0 | 951.4 | 994.3 | 1004.5 | 997.7 | 973.7 | 953.1 | 942.9 | 932.6 | 942.9 |
| 57.5° | 573.4 | 707.0 | 840.6 | 882.2 | 893.2 | 885.0 | 857.6 | 834.1 | 822.5 | 810.8 | 822.5 |
| 60° | 524.1 | 644.0 | 763.9 | 804.1 | 817.8 | 811.0 | 783.6 | 758.7 | 741.6 | 724.5 | 741.6 |
| 62.5° | 468.6 | 574.8 | 681.0 | 721.9 | 741.1 | 737.0 | 709.6 | 684.8 | 667.6 | 650.5 | 667.6 |
| 65° | 377.7 | 470.1 | 562.6 | 603.7 | 627.7 | 626.0 | 598.6 | 573.8 | 556.6 | 539.5 | 556.6 |
| 67.5° | 296.0 | 375.4 | 454.9 | 495.3 | 522.7 | 521.4 | 491.2 | 465.2 | 451.5 | 437.8 | 451.5 |
| 70° | 246.6 | 315.1 | 383.7 | 421.3 | 448.7 | 448.7 | 421.3 | 397.4 | 383.7 | 370.0 | 383.7 |
| 72.5° | 215.8 | 267.9 | 319.9 | 355.6 | 385.7 | 385.7 | 355.6 | 330.2 | 319.3 | 308.3 | 319.3 |
| 75° | 161.9 | 192.7 | 223.5 | 256.9 | 291.2 | 294.6 | 267.2 | 244.9 | 238.1 | 231.2 | 238.1 |
| 77.5° | 117.2 | 131.5 | 145.9 | 172.1 | 202.3 | 205.7 | 182.4 | 164.3 | 161.5 | 158.8 | 161.5 |
| 80° | 92.5 | 95.9 | 99.3 | 120.7 | 148.2 | 151.6 | 131.0 | 115.6 | 115.6 | 115.6 | 115.6 |
| 82.5° | 61.7 | 65.1 | 68.5 | 83.8 | 102.9 | 105.0 | 89.9 | 77.9 | 75.2 | 72.4 | 75.2 |
| 85° | 30.8 | 30.8 | 30.8 | 36.0 | 42.8 | 42.8 | 36.0 | 30.8 | 30.8 | 30.8 | 30.8 |
| 87.5° | 7.0 | 8.1 | 9.6 | 12.7 | 16.3 | 16.6 | 13.9 | 12.1 | 12.4 | 12.4 | 12.4 |
| 90° | 4.2 | 9.9 | 17.0 | 22.6 | 26.9 | 28.3 | 28.3 | 29.7 | 31.1 | 31.1 | 31.1 |
| 92.5° | 15.6 | 24.6 | 24.9 | 24.9 | 30.3 | 32.8 | 35.1 | 35.4 | 36.8 | 36.8 | 36.8 |
| 95° | 43.9 | 48.1 | 72.2 | 70.7 | 48.1 | 38.2 | 32.5 | 32.5 | 32.5 | 32.5 | 32.5 |
| 97.5° | 83.8 | 90.0 | 93.9 | 125.9 | 133.0 | 128.5 | 104.7 | 88.0 | 78.7 | 74.4 | 78.7 |
| 100° | 118.8 | 121.7 | 130.2 | 131.6 | 166.9 | 200.9 | 183.9 | 162.7 | 155.6 | 151.4 | 155.6 |
| 102.5° | 153.9 | 155.6 | 168.6 | 174.6 | 182.8 | 202.0 | 260.9 | 254.4 | 249.6 | 248.7 | 249.6 |
| 105° | 206.6 | 208.0 | 232.0 | 243.3 | 249.0 | 249.0 | 247.6 | 275.9 | 321.2 | 331.1 | 321.2 |
| 107.5° | 262.9 | 269.4 | 297.7 | 328.0 | 334.5 | 336.2 | 328.8 | 324.6 | 322.9 | 324.0 | 322.9 |
| 110° | 301.4 | 311.3 | 345.2 | 383.4 | 393.3 | 396.1 | 393.3 | 389.1 | 386.2 | 386.2 | 386.2 |



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CATALOG NUMBER: SQ2W-FA-K-100U-125D-L940-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 0° | 10° | 20° | 30° | 40° | 50° | 60° | 70° | 80° | 90° | 100° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 338.7 | 353.1 | 391.6 | 435.5 | 452.2 | 460.7 | 454.4 | 451.3 | 448.5 | 450.8 | 448.5 |
| 115° | 396.1 | 417.4 | 468.3 | 513.6 | 547.5 | 551.8 | 550.4 | 550.4 | 548.9 | 548.9 | 548.9 |
| 117.5° | 449.3 | 483.3 | 540.5 | 593.1 | 632.4 | 643.7 | 649.4 | 647.7 | 646.0 | 648.8 | 646.0 |
| 120° | 486.7 | 526.3 | 591.4 | 650.8 | 689.0 | 706.0 | 711.6 | 708.8 | 711.6 | 708.8 | 711.6 |
| 122.5° | 526.3 | 575.0 | 638.9 | 700.6 | 745.6 | 764.8 | 771.6 | 772.2 | 772.8 | 771.1 | 772.8 |
| 125° | 585.7 | 645.2 | 720.1 | 783.8 | 830.5 | 853.1 | 858.8 | 860.2 | 863.0 | 870.1 | 863.0 |
| 127.5° | 645.7 | 713.1 | 795.4 | 856.8 | 904.6 | 932.1 | 940.8 | 944.0 | 949.9 | 953.0 | 949.9 |
| 130° | 687.6 | 764.0 | 847.5 | 905.5 | 952.2 | 981.9 | 997.4 | 1001.7 | 1008.8 | 1007.3 | 1008.8 |
| 132.5° | 731.7 | 811.5 | 896.1 | 956.4 | 999.7 | 1031.7 | 1045.0 | 1057.1 | 1059.7 | 1061.7 | 1059.7 |
| 135° | 796.5 | 882.8 | 967.7 | 1027.2 | 1068.2 | 1099.3 | 1116.3 | 1127.6 | 1134.7 | 1138.9 | 1134.7 |
| 137.5° | 864.7 | 955.8 | 1037.3 | 1090.3 | 1131.6 | 1158.4 | 1177.7 | 1189.6 | 1196.9 | 1200.3 | 1196.9 |
| 140° | 911.1 | 998.9 | 1078.1 | 1133.3 | 1170.0 | 1196.9 | 1213.9 | 1228.1 | 1236.5 | 1236.5 | 1236.5 |
| 142.5° | 955.3 | 1041.9 | 1118.8 | 1174.0 | 1206.3 | 1230.9 | 1249.0 | 1259.7 | 1269.4 | 1269.4 | 1269.4 |
| 145° | 1017.2 | 1103.6 | 1174.3 | 1229.5 | 1256.4 | 1279.0 | 1298.8 | 1307.3 | 1312.9 | 1312.9 | 1312.9 |
| 147.5° | 1082.0 | 1158.4 | 1223.0 | 1275.9 | 1298.5 | 1325.1 | 1340.7 | 1347.5 | 1354.5 | 1351.4 | 1354.5 |
| 150° | 1120.5 | 1191.3 | 1253.5 | 1303.0 | 1325.7 | 1351.1 | 1366.7 | 1372.4 | 1379.4 | 1375.2 | 1379.4 |
| 152.5° | 1157.9 | 1225.2 | 1281.8 | 1327.9 | 1347.2 | 1372.6 | 1390.5 | 1396.1 | 1400.9 | 1397.8 | 1400.9 |
| 155° | 1208.2 | 1267.7 | 1320.0 | 1362.5 | 1379.4 | 1403.5 | 1420.5 | 1427.5 | 1433.2 | 1426.1 | 1433.2 |
| 157.5° | 1253.2 | 1304.5 | 1350.0 | 1389.1 | 1407.2 | 1427.8 | 1443.7 | 1452.4 | 1458.1 | 1455.0 | 1458.1 |
| 160° | 1280.4 | 1327.1 | 1368.1 | 1404.9 | 1421.9 | 1440.3 | 1457.3 | 1467.2 | 1472.8 | 1468.6 | 1472.8 |
| 162.5° | 1303.0 | 1345.2 | 1384.0 | 1417.4 | 1432.1 | 1448.2 | 1468.6 | 1477.3 | 1483.0 | 1477.6 | 1483.0 |
| 165° | 1335.6 | 1369.5 | 1403.5 | 1431.8 | 1444.5 | 1457.3 | 1478.5 | 1488.4 | 1492.6 | 1487.0 | 1492.6 |
| 167.5° | 1360.2 | 1386.2 | 1413.7 | 1438.0 | 1447.4 | 1459.8 | 1481.0 | 1489.2 | 1494.6 | 1487.5 | 1494.6 |
| 170° | 1373.8 | 1396.4 | 1420.5 | 1440.3 | 1447.4 | 1458.7 | 1479.9 | 1487.0 | 1491.2 | 1484.1 | 1491.2 |
| 172.5° | 1385.1 | 1402.1 | 1421.6 | 1439.1 | 1442.8 | 1451.9 | 1472.0 | 1479.0 | 1482.2 | 1476.2 | 1482.2 |
| 175° | 1396.4 | 1406.3 | 1420.5 | 1431.8 | 1430.4 | 1436.0 | 1453.0 | 1458.7 | 1464.3 | 1455.8 | 1464.3 |
| 177.5° | 1401.8 | 1406.3 | 1410.8 | 1417.6 | 1413.1 | 1413.1 | 1425.6 | 1429.0 | 1430.1 | 1425.6 | 1430.1 |
| 180° | 1400.7 | 1400.7 | 1400.7 | 1400.7 | 1400.7 | 1400.7 | 1400.7 | 1400.7 | 1400.7 | 1400.7 | 1400.7 |



TEST NUMBER: P1435834

CATALOG NUMBER: SQ2W-FA-K-100U-125D-L940-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 110° | 120° | 130° | 140° | 150° | 160° | 170° | 180° | 190° | 200° | 210° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1988.5 | 1988.5 | 1988.5 | 1988.5 | 1988.5 | 1988.5 | 1988.5 | 1988.5 | 1988.5 | 1988.5 | 1988.5 |
| 2.5° | 2007.0 | 2007.0 | 2007.0 | 2007.0 | 2007.0 | 2003.6 | 1989.9 | 1976.2 | 1976.2 | 1976.2 | 1965.9 |
| 5° | 2036.5 | 2032.2 | 2028.8 | 2023.6 | 2016.8 | 2005.6 | 1981.7 | 1957.7 | 1947.4 | 1937.1 | 1893.4 |
| 7.5° | 2049.5 | 2044.0 | 2037.8 | 2029.6 | 2019.3 | 2003.6 | 1971.4 | 1939.2 | 1893.3 | 1847.4 | 1750.1 |
| 10° | 2043.3 | 2039.9 | 2036.5 | 2029.6 | 2019.3 | 2002.2 | 1964.5 | 1926.8 | 1834.4 | 1741.9 | 1649.4 |
| 12.5° | 2037.1 | 2033.7 | 2030.3 | 2022.1 | 2009.1 | 1989.2 | 1948.8 | 1908.3 | 1777.5 | 1646.6 | 1563.1 |
| 15° | 2020.2 | 2014.2 | 2007.3 | 1998.8 | 1988.5 | 1967.1 | 1912.3 | 1857.5 | 1710.2 | 1562.9 | 1492.7 |
| 17.5° | 1989.2 | 1983.9 | 1977.7 | 1967.8 | 1954.1 | 1927.2 | 1860.7 | 1794.3 | 1640.1 | 1486.0 | 1440.8 |
| 20° | 1957.7 | 1955.1 | 1951.7 | 1943.1 | 1929.4 | 1901.2 | 1829.2 | 1757.3 | 1603.1 | 1449.0 | 1428.4 |
| 22.5° | 1921.4 | 1920.2 | 1919.5 | 1912.3 | 1898.6 | 1868.3 | 1788.1 | 1708.0 | 1556.5 | 1405.1 | 1405.8 |
| 25° | 1859.2 | 1860.0 | 1863.5 | 1854.9 | 1834.4 | 1795.8 | 1703.3 | 1610.8 | 1477.2 | 1343.7 | 1366.8 |
| 27.5° | 1792.7 | 1790.2 | 1786.7 | 1778.2 | 1764.5 | 1725.1 | 1608.6 | 1492.1 | 1386.6 | 1281.1 | 1319.5 |
| 30° | 1749.6 | 1747.0 | 1743.6 | 1735.0 | 1721.3 | 1678.5 | 1548.3 | 1418.2 | 1329.1 | 1240.0 | 1284.6 |
| 32.5° | 1700.2 | 1699.7 | 1699.0 | 1693.2 | 1682.3 | 1635.3 | 1480.5 | 1325.7 | 1261.3 | 1196.9 | 1243.5 |
| 35° | 1625.4 | 1626.3 | 1626.3 | 1622.8 | 1616.0 | 1563.7 | 1375.3 | 1186.9 | 1159.5 | 1132.1 | 1186.9 |
| 37.5° | 1540.6 | 1545.1 | 1549.9 | 1547.1 | 1536.9 | 1475.7 | 1262.0 | 1048.2 | 1057.1 | 1066.0 | 1132.5 |
| 40° | 1479.0 | 1487.5 | 1497.8 | 1497.8 | 1487.5 | 1421.6 | 1188.6 | 955.7 | 986.5 | 1017.4 | 1089.3 |
| 42.5° | 1417.3 | 1427.9 | 1440.9 | 1442.3 | 1432.0 | 1366.8 | 1136.6 | 906.4 | 940.0 | 973.5 | 1048.2 |
| 45° | 1324.0 | 1335.9 | 1349.6 | 1351.4 | 1341.1 | 1282.0 | 1076.5 | 870.9 | 891.5 | 912.0 | 984.0 |
| 47.5° | 1214.5 | 1231.6 | 1252.2 | 1253.9 | 1236.8 | 1178.7 | 997.8 | 817.0 | 832.1 | 847.1 | 920.8 |
| 50° | 1146.7 | 1163.8 | 1184.4 | 1186.1 | 1169.0 | 1111.6 | 933.4 | 755.3 | 775.9 | 796.4 | 873.5 |
| 52.5° | 1066.5 | 1085.7 | 1109.0 | 1113.5 | 1099.1 | 1046.5 | 879.3 | 712.2 | 724.5 | 736.8 | 820.1 |
| 55° | 953.1 | 973.7 | 997.7 | 1004.5 | 994.3 | 951.4 | 811.0 | 670.5 | 660.3 | 650.0 | 734.8 |
| 57.5° | 834.1 | 857.6 | 885.0 | 893.2 | 882.2 | 840.6 | 707.0 | 573.4 | 564.5 | 555.6 | 647.4 |
| 60° | 758.7 | 783.6 | 811.0 | 817.8 | 804.1 | 763.9 | 644.0 | 524.1 | 507.0 | 489.8 | 585.8 |
| 62.5° | 684.8 | 709.6 | 737.0 | 741.1 | 721.9 | 681.0 | 574.8 | 468.6 | 457.0 | 445.3 | 538.5 |
| 65° | 573.8 | 598.6 | 626.0 | 627.7 | 603.7 | 562.6 | 470.1 | 377.7 | 384.5 | 391.4 | 475.3 |
| 67.5° | 465.2 | 491.2 | 521.4 | 522.7 | 495.3 | 454.9 | 375.4 | 296.0 | 318.6 | 341.2 | 416.7 |
| 70° | 397.4 | 421.3 | 448.7 | 448.7 | 421.3 | 383.7 | 315.1 | 246.6 | 277.5 | 308.3 | 377.7 |
| 72.5° | 330.2 | 355.6 | 385.7 | 385.7 | 355.6 | 319.9 | 267.9 | 215.8 | 246.6 | 277.5 | 334.5 |
| 75° | 244.9 | 267.2 | 294.6 | 291.2 | 256.9 | 223.5 | 192.7 | 161.9 | 192.7 | 223.5 | 267.2 |
| 77.5° | 164.3 | 182.4 | 205.7 | 202.3 | 172.1 | 145.9 | 131.5 | 117.2 | 142.5 | 167.8 | 198.3 |
| 80° | 115.6 | 131.0 | 151.6 | 148.2 | 120.7 | 99.3 | 95.9 | 92.5 | 109.6 | 126.7 | 149.0 |
| 82.5° | 77.9 | 89.9 | 105.0 | 102.9 | 83.8 | 68.5 | 65.1 | 61.7 | 76.0 | 90.4 | 105.8 |
| 85° | 30.8 | 36.0 | 42.8 | 42.8 | 36.0 | 30.8 | 30.8 | 30.8 | 37.7 | 44.5 | 51.4 |
| 87.5° | 12.1 | 13.9 | 16.6 | 16.3 | 12.7 | 9.6 | 8.1 | 7.0 | 10.9 | 14.8 | 17.4 |
| 90° | 29.7 | 28.3 | 28.3 | 26.9 | 22.6 | 17.0 | 9.9 | 4.2 | 9.9 | 15.6 | 25.5 |
| 92.5° | 35.4 | 35.1 | 32.8 | 30.3 | 24.9 | 24.9 | 24.6 | 15.6 | 26.9 | 38.2 | 54.9 |
| 95° | 32.5 | 32.5 | 38.2 | 48.1 | 70.7 | 72.2 | 48.1 | 43.9 | 62.3 | 87.7 | 110.4 |
| 97.5° | 88.0 | 104.7 | 128.5 | 133.0 | 125.9 | 93.9 | 90.0 | 83.8 | 114.0 | 139.2 | 175.7 |
| 100° | 162.7 | 183.9 | 200.9 | 166.9 | 131.6 | 130.2 | 121.7 | 118.8 | 151.4 | 175.4 | 210.8 |
| 102.5° | 254.4 | 260.9 | 202.0 | 182.8 | 174.6 | 168.6 | 155.6 | 153.9 | 186.5 | 219.6 | 249.3 |
| 105° | 275.9 | 247.6 | 249.0 | 249.0 | 243.3 | 232.0 | 208.0 | 206.6 | 243.3 | 281.5 | 318.3 |
| 107.5° | 324.6 | 328.8 | 336.2 | 334.5 | 328.0 | 297.7 | 269.4 | 262.9 | 296.0 | 341.8 | 382.3 |
| 110° | 389.1 | 393.3 | 396.1 | 393.3 | 383.4 | 345.2 | 311.3 | 301.4 | 331.1 | 379.2 | 423.0 |



TEST NUMBER: P1435834

CATALOG NUMBER: SQ2W-FA-K-100U-125D-L940-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 110° | 120° | 130° | 140° | 150° | 160° | 170° | 180° | 190° | 200° | 210° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 451.3 | 454.4 | 460.7 | 452.2 | 435.5 | 391.6 | 353.1 | 338.7 | 368.4 | 417.7 | 462.6 |
| 115° | 550.4 | 550.4 | 551.8 | 547.5 | 513.6 | 468.3 | 417.4 | 396.1 | 421.6 | 466.9 | 516.4 |
| 117.5° | 647.7 | 649.4 | 643.7 | 632.4 | 593.1 | 540.5 | 483.3 | 449.3 | 469.4 | 517.3 | 568.2 |
| 120° | 708.8 | 711.6 | 706.0 | 689.0 | 650.8 | 591.4 | 526.3 | 486.7 | 502.3 | 548.9 | 599.9 |
| 122.5° | 772.2 | 771.6 | 764.8 | 745.6 | 700.6 | 638.9 | 575.0 | 526.3 | 532.8 | 576.1 | 625.9 |
| 125° | 860.2 | 858.8 | 853.1 | 830.5 | 783.8 | 720.1 | 645.2 | 585.7 | 577.2 | 614.0 | 665.0 |
| 127.5° | 944.0 | 940.8 | 932.1 | 904.6 | 856.8 | 795.4 | 713.1 | 645.7 | 626.8 | 650.0 | 696.7 |
| 130° | 1001.7 | 997.4 | 981.9 | 952.2 | 905.5 | 847.5 | 764.0 | 687.6 | 660.7 | 674.9 | 715.9 |
| 132.5° | 1057.1 | 1045.0 | 1031.7 | 999.7 | 956.4 | 896.1 | 811.5 | 731.7 | 694.7 | 700.9 | 732.9 |
| 135° | 1127.6 | 1116.3 | 1099.3 | 1068.2 | 1027.2 | 967.7 | 882.8 | 796.5 | 745.6 | 739.9 | 758.3 |
| 137.5° | 1189.6 | 1177.7 | 1158.4 | 1131.6 | 1090.3 | 1037.3 | 955.8 | 864.7 | 800.5 | 781.5 | 788.6 |
| 140° | 1228.1 | 1213.9 | 1196.9 | 1170.0 | 1133.3 | 1078.1 | 998.9 | 911.1 | 839.0 | 812.1 | 807.9 |
| 142.5° | 1259.7 | 1249.0 | 1230.9 | 1206.3 | 1174.0 | 1118.8 | 1041.9 | 955.3 | 878.6 | 843.8 | 833.9 |
| 145° | 1307.3 | 1298.8 | 1279.0 | 1256.4 | 1229.5 | 1174.3 | 1103.6 | 1017.2 | 940.8 | 895.6 | 874.4 |
| 147.5° | 1347.5 | 1340.7 | 1325.1 | 1298.5 | 1275.9 | 1223.0 | 1158.4 | 1082.0 | 1003.7 | 947.6 | 920.2 |
| 150° | 1372.4 | 1366.7 | 1351.1 | 1325.7 | 1303.0 | 1253.5 | 1191.3 | 1120.5 | 1045.5 | 986.1 | 950.8 |
| 152.5° | 1396.1 | 1390.5 | 1372.6 | 1347.2 | 1327.9 | 1281.8 | 1225.2 | 1157.9 | 1081.8 | 1022.3 | 985.8 |
| 155° | 1427.5 | 1420.5 | 1403.5 | 1379.4 | 1362.5 | 1320.0 | 1267.7 | 1208.2 | 1143.2 | 1080.9 | 1039.9 |
| 157.5° | 1452.4 | 1443.7 | 1427.8 | 1407.2 | 1389.1 | 1350.0 | 1304.5 | 1253.2 | 1196.4 | 1136.9 | 1095.1 |
| 160° | 1467.2 | 1457.3 | 1440.3 | 1421.9 | 1404.9 | 1368.1 | 1327.1 | 1280.4 | 1228.1 | 1174.3 | 1129.0 |
| 162.5° | 1477.3 | 1468.6 | 1448.2 | 1432.1 | 1417.4 | 1384.0 | 1345.2 | 1303.0 | 1256.4 | 1209.4 | 1167.5 |
| 165° | 1488.4 | 1478.5 | 1457.3 | 1444.5 | 1431.8 | 1403.5 | 1369.5 | 1335.6 | 1296.0 | 1257.8 | 1223.8 |
| 167.5° | 1489.2 | 1481.0 | 1459.8 | 1447.4 | 1438.0 | 1413.7 | 1386.2 | 1360.2 | 1329.4 | 1299.4 | 1271.1 |
| 170° | 1487.0 | 1479.9 | 1458.7 | 1447.4 | 1440.3 | 1420.5 | 1396.4 | 1373.8 | 1349.7 | 1324.3 | 1301.6 |
| 172.5° | 1479.0 | 1472.0 | 1451.9 | 1442.8 | 1439.1 | 1421.6 | 1402.1 | 1385.1 | 1364.4 | 1345.8 | 1327.7 |
| 175° | 1458.7 | 1453.0 | 1436.0 | 1430.4 | 1431.8 | 1420.5 | 1406.3 | 1396.4 | 1383.7 | 1372.4 | 1362.5 |
| 177.5° | 1429.0 | 1425.6 | 1413.1 | 1413.1 | 1417.6 | 1410.8 | 1406.3 | 1401.8 | 1396.1 | 1392.7 | 1389.3 |
| 180° | 1400.7 | 1400.7 | 1400.7 | 1400.7 | 1400.7 | 1400.7 | 1400.7 | 1400.7 | 1400.7 | 1400.7 | 1400.7 |



TEST NUMBER: P1435834

CATALOG NUMBER: SQ2W-FA-K-100U-125D-L940-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 220° | 230° | 240° | 250° | 260° | 270° | 280° | 290° | 300° | 310° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1988.5 | 1988.5 | 1988.5 | 1988.5 | 1988.5 | 1988.5 | 1988.5 | 1988.5 | 1988.5 | 1988.5 | 1988.5 |
| 2.5° | 1952.2 | 1941.2 | 1933.0 | 1926.2 | 1923.4 | 1920.7 | 1923.4 | 1926.2 | 1933.0 | 1941.2 | 1952.2 |
| 5° | 1838.6 | 1780.4 | 1718.7 | 1668.2 | 1651.1 | 1634.0 | 1651.1 | 1668.2 | 1718.7 | 1780.4 | 1838.6 |
| 7.5° | 1635.7 | 1565.5 | 1539.4 | 1518.5 | 1513.0 | 1507.6 | 1513.0 | 1518.5 | 1539.4 | 1565.5 | 1635.7 |
| 10° | 1556.9 | 1500.4 | 1479.8 | 1464.4 | 1464.4 | 1464.4 | 1464.4 | 1464.4 | 1479.8 | 1500.4 | 1556.9 |
| 12.5° | 1495.2 | 1460.6 | 1459.3 | 1461.7 | 1475.4 | 1489.1 | 1475.4 | 1461.7 | 1459.3 | 1460.6 | 1495.2 |
| 15° | 1448.1 | 1453.3 | 1508.1 | 1553.5 | 1570.6 | 1587.7 | 1570.6 | 1553.5 | 1508.1 | 1453.3 | 1448.1 |
| 17.5° | 1431.9 | 1461.3 | 1529.1 | 1583.4 | 1597.1 | 1610.8 | 1597.1 | 1583.4 | 1529.1 | 1461.3 | 1431.9 |
| 20° | 1452.4 | 1490.1 | 1541.5 | 1583.4 | 1597.1 | 1610.8 | 1597.1 | 1583.4 | 1541.5 | 1490.1 | 1452.4 |
| 22.5° | 1457.2 | 1503.1 | 1543.5 | 1577.3 | 1591.0 | 1604.7 | 1591.0 | 1577.3 | 1543.5 | 1503.1 | 1457.2 |
| 25° | 1442.1 | 1496.9 | 1531.2 | 1558.6 | 1565.5 | 1572.3 | 1565.5 | 1558.6 | 1531.2 | 1496.9 | 1442.1 |
| 27.5° | 1405.8 | 1466.1 | 1500.4 | 1527.3 | 1532.1 | 1536.9 | 1532.1 | 1527.3 | 1500.4 | 1466.1 | 1405.8 |
| 30° | 1373.6 | 1435.3 | 1469.5 | 1497.8 | 1508.1 | 1518.4 | 1508.1 | 1497.8 | 1469.5 | 1435.3 | 1373.6 |
| 32.5° | 1327.0 | 1390.1 | 1432.5 | 1464.9 | 1467.0 | 1469.0 | 1467.0 | 1464.9 | 1432.5 | 1390.1 | 1327.0 |
| 35° | 1269.1 | 1334.2 | 1382.2 | 1417.3 | 1413.9 | 1410.4 | 1413.9 | 1417.3 | 1382.2 | 1334.2 | 1269.1 |
| 37.5° | 1218.1 | 1281.8 | 1323.6 | 1356.0 | 1360.1 | 1364.2 | 1360.1 | 1356.0 | 1323.6 | 1281.8 | 1218.1 |
| 40° | 1174.9 | 1240.0 | 1284.6 | 1319.7 | 1326.5 | 1333.4 | 1326.5 | 1319.7 | 1284.6 | 1240.0 | 1174.9 |
| 42.5° | 1136.6 | 1203.0 | 1247.6 | 1282.7 | 1289.5 | 1296.4 | 1289.5 | 1282.7 | 1247.6 | 1203.0 | 1136.6 |
| 45° | 1073.0 | 1141.5 | 1189.5 | 1226.3 | 1229.8 | 1233.2 | 1229.8 | 1226.3 | 1189.5 | 1141.5 | 1073.0 |
| 47.5° | 1013.9 | 1082.8 | 1127.3 | 1161.6 | 1165.0 | 1168.4 | 1165.0 | 1161.6 | 1127.3 | 1082.8 | 1013.9 |
| 50° | 969.4 | 1039.6 | 1084.2 | 1118.4 | 1121.9 | 1125.3 | 1121.9 | 1118.4 | 1084.2 | 1039.6 | 969.4 |
| 52.5° | 926.9 | 999.9 | 1039.0 | 1069.1 | 1072.5 | 1075.9 | 1072.5 | 1069.1 | 1039.0 | 999.9 | 926.9 |
| 55° | 851.2 | 928.3 | 966.0 | 994.3 | 994.3 | 994.3 | 994.3 | 966.0 | 928.3 | 851.2 | |
| 57.5° | 772.8 | 851.9 | 884.8 | 910.5 | 914.6 | 918.7 | 914.6 | 910.5 | 884.8 | 851.9 | 772.8 |
| 60° | 719.4 | 799.9 | 827.3 | 849.5 | 856.4 | 863.2 | 856.4 | 849.5 | 827.3 | 799.9 | 719.4 |
| 62.5° | 666.6 | 744.4 | 771.8 | 793.3 | 797.5 | 801.6 | 797.5 | 793.3 | 771.8 | 744.4 | 666.6 |
| 65° | 584.9 | 653.4 | 680.8 | 702.2 | 705.7 | 709.1 | 705.7 | 702.2 | 680.8 | 653.4 | 584.9 |
| 67.5° | 509.9 | 566.1 | 585.2 | 600.3 | 603.1 | 605.8 | 603.1 | 600.3 | 585.2 | 566.1 | 509.9 |
| 70° | 459.9 | 507.8 | 521.5 | 531.8 | 531.8 | 531.8 | 531.8 | 521.5 | 507.8 | 459.9 | |
| 72.5° | 400.3 | 440.0 | 453.7 | 464.7 | 467.4 | 470.1 | 467.4 | 453.7 | 440.0 | 400.3 | |
| 75° | 315.1 | 344.3 | 354.5 | 363.1 | 366.5 | 370.0 | 366.5 | 363.1 | 354.5 | 344.3 | 315.1 |
| 77.5° | 230.5 | 249.7 | 255.9 | 261.4 | 264.8 | 268.2 | 264.8 | 261.4 | 255.9 | 249.7 | 230.5 |
| 80° | 173.0 | 186.7 | 190.1 | 193.5 | 197.0 | 200.4 | 197.0 | 193.5 | 190.1 | 186.7 | 173.0 |
| 82.5° | 121.6 | 131.2 | 134.6 | 137.4 | 138.0 | 138.7 | 138.0 | 137.4 | 134.6 | 131.2 | 121.6 |
| 85° | 58.2 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 58.2 |
| 87.5° | 18.8 | 20.8 | 22.8 | 23.9 | 25.1 | 24.5 | 25.1 | 23.9 | 22.8 | 20.8 | 18.8 |
| 90° | 32.5 | 42.4 | 52.3 | 58.0 | 63.7 | 60.8 | 63.7 | 58.0 | 52.3 | 42.4 | 32.5 |
| 92.5° | 65.4 | 82.1 | 94.2 | 104.4 | 108.9 | 108.4 | 108.9 | 104.4 | 94.2 | 82.1 | 65.4 |
| 95° | 131.6 | 151.4 | 171.2 | 185.3 | 193.8 | 191.0 | 193.8 | 185.3 | 171.2 | 151.4 | 131.6 |
| 97.5° | 202.9 | 229.5 | 251.6 | 264.9 | 273.3 | 279.0 | 273.3 | 264.9 | 251.6 | 229.5 | 202.9 |
| 100° | 250.4 | 275.9 | 301.4 | 316.9 | 331.1 | 336.7 | 331.1 | 316.9 | 301.4 | 275.9 | 250.4 |
| 102.5° | 288.9 | 322.3 | 350.0 | 366.7 | 378.6 | 384.3 | 378.6 | 366.7 | 350.0 | 322.3 | 288.9 |
| 105° | 352.3 | 387.7 | 417.4 | 438.6 | 451.3 | 455.6 | 451.3 | 438.6 | 417.4 | 387.7 | 352.3 |
| 107.5° | 415.7 | 452.2 | 479.6 | 503.1 | 518.7 | 527.7 | 518.7 | 503.1 | 479.6 | 452.2 | 415.7 |
| 110° | 465.5 | 495.2 | 524.9 | 546.1 | 561.7 | 567.3 | 561.7 | 546.1 | 524.9 | 495.2 | 465.5 |



TEST NUMBER: P1435834

CATALOG NUMBER: SQ2W-FA-K-100U-125D-L940-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 220° | 230° | 240° | 250° | 260° | 270° | 280° | 290° | 300° | 310° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 507.4 | 540.5 | 570.2 | 591.4 | 609.2 | 617.1 | 609.2 | 591.4 | 570.2 | 540.5 | 507.4 |
| 115° | 565.9 | 609.8 | 636.7 | 656.5 | 669.2 | 676.3 | 669.2 | 656.5 | 636.7 | 609.8 | 565.9 |
| 117.5° | 614.6 | 660.4 | 689.9 | 705.1 | 711.1 | 716.2 | 711.1 | 705.1 | 689.9 | 660.4 | 614.6 |
| 120° | 645.2 | 687.6 | 721.6 | 741.4 | 748.4 | 751.3 | 748.4 | 741.4 | 721.6 | 687.6 | 645.2 |
| 122.5° | 673.4 | 713.6 | 746.5 | 770.8 | 782.4 | 785.2 | 782.4 | 770.8 | 746.5 | 713.6 | 673.4 |
| 125° | 713.1 | 751.3 | 785.2 | 809.3 | 822.0 | 829.1 | 822.0 | 809.3 | 785.2 | 751.3 | 713.1 |
| 127.5° | 747.6 | 788.9 | 820.0 | 841.8 | 854.3 | 859.9 | 854.3 | 841.8 | 820.0 | 788.9 | 747.6 |
| 130° | 766.8 | 809.3 | 840.4 | 864.4 | 875.8 | 881.4 | 875.8 | 864.4 | 840.4 | 809.3 | 766.8 |
| 132.5° | 781.5 | 826.2 | 858.5 | 880.3 | 892.7 | 898.4 | 892.7 | 880.3 | 858.5 | 826.2 | 781.5 |
| 135° | 799.4 | 846.1 | 880.0 | 901.2 | 912.6 | 918.2 | 912.6 | 901.2 | 880.0 | 846.1 | 799.4 |
| 137.5° | 814.9 | 857.4 | 892.7 | 915.1 | 925.3 | 929.0 | 925.3 | 915.1 | 892.7 | 857.4 | 814.9 |
| 140° | 826.2 | 863.0 | 898.4 | 919.6 | 930.9 | 932.4 | 930.9 | 919.6 | 898.4 | 863.0 | 826.2 |
| 142.5° | 841.0 | 869.8 | 900.7 | 921.9 | 933.2 | 935.8 | 933.2 | 921.9 | 900.7 | 869.8 | 841.0 |
| 145° | 867.3 | 884.3 | 905.5 | 925.3 | 935.2 | 938.0 | 935.2 | 925.3 | 905.5 | 884.3 | 867.3 |
| 147.5° | 900.4 | 905.8 | 916.8 | 929.8 | 939.4 | 941.4 | 939.4 | 929.8 | 916.8 | 905.8 | 900.4 |
| 150° | 925.3 | 923.9 | 928.1 | 936.6 | 945.1 | 943.7 | 945.1 | 936.6 | 928.1 | 923.9 | 925.3 |
| 152.5° | 953.6 | 945.4 | 945.1 | 949.1 | 953.0 | 952.7 | 953.0 | 949.1 | 945.1 | 945.4 | 953.6 |
| 155° | 1001.7 | 986.1 | 977.6 | 974.8 | 974.8 | 973.4 | 974.8 | 974.8 | 977.6 | 986.1 | 1001.7 |
| 157.5° | 1054.6 | 1032.8 | 1020.1 | 1013.3 | 1011.3 | 1008.2 | 1011.3 | 1013.3 | 1020.1 | 1032.8 | 1054.6 |
| 160° | 1090.8 | 1066.8 | 1054.0 | 1042.7 | 1038.5 | 1034.2 | 1038.5 | 1042.7 | 1054.0 | 1066.8 | 1090.8 |
| 162.5° | 1124.8 | 1101.9 | 1088.0 | 1077.8 | 1073.6 | 1067.1 | 1073.6 | 1077.8 | 1088.0 | 1101.9 | 1124.8 |
| 165° | 1180.0 | 1155.9 | 1140.3 | 1131.8 | 1126.2 | 1120.5 | 1126.2 | 1131.8 | 1140.3 | 1155.9 | 1180.0 |
| 167.5° | 1235.1 | 1208.8 | 1198.6 | 1189.0 | 1183.6 | 1173.4 | 1183.6 | 1189.0 | 1198.6 | 1208.8 | 1235.1 |
| 170° | 1269.1 | 1245.0 | 1239.4 | 1230.9 | 1221.0 | 1209.7 | 1221.0 | 1230.9 | 1239.4 | 1245.0 | 1269.1 |
| 172.5° | 1298.5 | 1282.4 | 1276.7 | 1268.2 | 1265.1 | 1256.1 | 1265.1 | 1268.2 | 1276.7 | 1282.4 | 1298.5 |
| 175° | 1341.2 | 1328.5 | 1328.5 | 1327.1 | 1322.8 | 1314.4 | 1322.8 | 1327.1 | 1328.5 | 1328.5 | 1341.2 |
| 177.5° | 1376.9 | 1370.1 | 1374.6 | 1374.6 | 1373.5 | 1365.6 | 1373.5 | 1374.6 | 1374.6 | 1370.1 | 1376.9 |
| 180° | 1400.7 | 1400.7 | 1400.7 | 1400.7 | 1400.7 | 1400.7 | 1400.7 | 1400.7 | 1400.7 | 1400.7 | 1400.7 |



TEST NUMBER: P1435834

CATALOG NUMBER: SQ2W-FA-K-100U-125D-L940-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 330° | 340° | 350° | 360° |
|--------|--------|--------|--------|--------|
| 0° | 1988.5 | 1988.5 | 1988.5 | 1988.5 |
| 2.5° | 1965.9 | 1976.2 | 1976.2 | 1976.2 |
| 5° | 1893.4 | 1937.1 | 1947.4 | 1957.7 |
| 7.5° | 1750.1 | 1847.4 | 1893.3 | 1939.2 |
| 10° | 1649.4 | 1741.9 | 1834.4 | 1926.8 |
| 12.5° | 1563.1 | 1646.6 | 1777.5 | 1908.3 |
| 15° | 1492.7 | 1562.9 | 1710.2 | 1857.5 |
| 17.5° | 1440.8 | 1486.0 | 1640.1 | 1794.3 |
| 20° | 1428.4 | 1449.0 | 1603.1 | 1757.3 |
| 22.5° | 1405.8 | 1405.1 | 1556.5 | 1708.0 |
| 25° | 1366.8 | 1343.7 | 1477.2 | 1610.8 |
| 27.5° | 1319.5 | 1281.1 | 1386.6 | 1492.1 |
| 30° | 1284.6 | 1240.0 | 1329.1 | 1418.2 |
| 32.5° | 1243.5 | 1196.9 | 1261.3 | 1325.7 |
| 35° | 1186.9 | 1132.1 | 1159.5 | 1186.9 |
| 37.5° | 1132.5 | 1066.0 | 1057.1 | 1048.2 |
| 40° | 1089.3 | 1017.4 | 986.5 | 955.7 |
| 42.5° | 1048.2 | 973.5 | 940.0 | 906.4 |
| 45° | 984.0 | 912.0 | 891.5 | 870.9 |
| 47.5° | 920.8 | 847.1 | 832.1 | 817.0 |
| 50° | 873.5 | 796.4 | 775.9 | 755.3 |
| 52.5° | 820.1 | 736.8 | 724.5 | 712.2 |
| 55° | 734.8 | 650.0 | 660.3 | 670.5 |
| 57.5° | 647.4 | 555.6 | 564.5 | 573.4 |
| 60° | 585.8 | 489.8 | 507.0 | 524.1 |
| 62.5° | 538.5 | 445.3 | 457.0 | 468.6 |
| 65° | 475.3 | 391.4 | 384.5 | 377.7 |
| 67.5° | 416.7 | 341.2 | 318.6 | 296.0 |
| 70° | 377.7 | 308.3 | 277.5 | 246.6 |
| 72.5° | 334.5 | 277.5 | 246.6 | 215.8 |
| 75° | 267.2 | 223.5 | 192.7 | 161.9 |
| 77.5° | 198.3 | 167.8 | 142.5 | 117.2 |
| 80° | 149.0 | 126.7 | 109.6 | 92.5 |
| 82.5° | 105.8 | 90.4 | 76.0 | 61.7 |
| 85° | 51.4 | 44.5 | 37.7 | 30.8 |
| 87.5° | 17.4 | 14.8 | 10.9 | 7.0 |
| 90° | 25.5 | 15.6 | 9.9 | 4.2 |
| 92.5° | 54.9 | 38.2 | 26.9 | 15.6 |
| 95° | 110.4 | 87.7 | 62.3 | 43.9 |
| 97.5° | 175.7 | 139.2 | 114.0 | 83.8 |
| 100° | 210.8 | 175.4 | 151.4 | 118.8 |
| 102.5° | 249.3 | 219.6 | 186.5 | 153.9 |
| 105° | 318.3 | 281.5 | 243.3 | 206.6 |
| 107.5° | 382.3 | 341.8 | 296.0 | 262.9 |
| 110° | 423.0 | 379.2 | 331.1 | 301.4 |



TEST NUMBER: P1435834

CATALOG NUMBER: SQ2W-FA-K-100U-125D-L940-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 330° | 340° | 350° | 360° |
|--------|--------|--------|--------|--------|
| 112.5° | 462.6 | 417.7 | 368.4 | 338.7 |
| 115° | 516.4 | 466.9 | 421.6 | 396.1 |
| 117.5° | 568.2 | 517.3 | 469.4 | 449.3 |
| 120° | 599.9 | 548.9 | 502.3 | 486.7 |
| 122.5° | 625.9 | 576.1 | 532.8 | 526.3 |
| 125° | 665.0 | 614.0 | 577.2 | 585.7 |
| 127.5° | 696.7 | 650.0 | 626.8 | 645.7 |
| 130° | 715.9 | 674.9 | 660.7 | 687.6 |
| 132.5° | 732.9 | 700.9 | 694.7 | 731.7 |
| 135° | 758.3 | 739.9 | 745.6 | 796.5 |
| 137.5° | 788.6 | 781.5 | 800.5 | 864.7 |
| 140° | 807.9 | 812.1 | 839.0 | 911.1 |
| 142.5° | 833.9 | 843.8 | 878.6 | 955.3 |
| 145° | 874.4 | 895.6 | 940.8 | 1017.2 |
| 147.5° | 920.2 | 947.6 | 1003.7 | 1082.0 |
| 150° | 950.8 | 986.1 | 1045.5 | 1120.5 |
| 152.5° | 985.8 | 1022.3 | 1081.8 | 1157.9 |
| 155° | 1039.9 | 1080.9 | 1143.2 | 1208.2 |
| 157.5° | 1095.1 | 1136.9 | 1196.4 | 1253.2 |
| 160° | 1129.0 | 1174.3 | 1228.1 | 1280.4 |
| 162.5° | 1167.5 | 1209.4 | 1256.4 | 1303.0 |
| 165° | 1223.8 | 1257.8 | 1296.0 | 1335.6 |
| 167.5° | 1271.1 | 1299.4 | 1329.4 | 1360.2 |
| 170° | 1301.6 | 1324.3 | 1349.7 | 1373.8 |
| 172.5° | 1327.7 | 1345.8 | 1364.4 | 1385.1 |
| 175° | 1362.5 | 1372.4 | 1383.7 | 1396.4 |
| 177.5° | 1389.3 | 1392.7 | 1396.1 | 1401.8 |
| 180° | 1400.7 | 1400.7 | 1400.7 | 1400.7 |



TEST NUMBER: P1435834
 CATALOG NUMBER: SQ2W-FA-K-100U-125D-L940-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 | 18.86 | 19.76 | 19.77 | 20.69 | 21.90 | 20.06 | 20.96 | 20.97 | 21.89 | 23.10 |
| | 3H | 19.95 | 20.76 | 20.88 | 21.70 | 22.93 | 21.30 | 22.11 | 22.23 | 23.06 | 24.28 |
| | 4H | 20.30 | 21.07 | 21.24 | 22.02 | 23.25 | 21.69 | 22.46 | 22.64 | 23.41 | 24.64 |
| | 6H | 20.47 | 21.17 | 21.42 | 22.13 | 23.37 | 21.86 | 22.56 | 22.81 | 23.52 | 24.77 |
| | 8H | 20.50 | 21.17 | 21.46 | 22.15 | 23.39 | 21.88 | 22.55 | 22.84 | 23.53 | 24.77 |
| | 12H | 20.50 | 21.14 | 21.47 | 22.10 | 23.38 | 21.87 | 22.51 | 22.84 | 23.47 | 24.74 |
| 4H | 2H | 19.73 | 20.50 | 20.68 | 21.44 | 22.68 | 20.64 | 21.41 | 21.59 | 22.36 | 23.59 |
| | 3H | 21.12 | 21.76 | 22.08 | 22.74 | 23.99 | 22.11 | 22.75 | 23.07 | 23.73 | 24.98 |
| | 4H | 21.58 | 22.16 | 22.55 | 23.13 | 24.41 | 22.59 | 23.17 | 23.56 | 24.14 | 25.42 |
| | 6H | 21.81 | 22.31 | 22.79 | 23.31 | 24.58 | 22.81 | 23.32 | 23.80 | 24.31 | 25.59 |
| | 8H | 21.87 | 22.34 | 22.85 | 23.33 | 24.61 | 22.86 | 23.33 | 23.85 | 24.32 | 25.61 |
| | 12H | 21.87 | 22.30 | 22.87 | 23.30 | 24.59 | 22.85 | 23.28 | 23.86 | 24.28 | 25.58 |
| 8H | 4H | 21.97 | 22.43 | 22.95 | 23.42 | 24.71 | 22.79 | 23.26 | 23.77 | 24.25 | 25.53 |
| | 6H | 22.32 | 22.71 | 23.33 | 23.74 | 25.02 | 23.10 | 23.49 | 24.11 | 24.52 | 25.81 |
| | 8H | 22.44 | 22.78 | 23.45 | 23.80 | 25.10 | 23.20 | 23.54 | 24.22 | 24.56 | 25.86 |
| | 12H | 22.48 | 22.78 | 23.50 | 23.79 | 25.14 | 23.22 | 23.52 | 24.24 | 24.53 | 25.88 |
| 12H | 4H | 21.97 | 22.39 | 22.97 | 23.40 | 24.69 | 22.76 | 23.18 | 23.76 | 24.19 | 25.48 |
| | 6H | 22.39 | 22.73 | 23.40 | 23.75 | 25.05 | 23.12 | 23.46 | 24.14 | 24.48 | 25.79 |
| | 8H | 22.54 | 22.84 | 23.56 | 23.85 | 25.20 | 23.24 | 23.54 | 24.26 | 24.55 | 25.90 |