

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: P1427791

Luminaire Tested: SQ2W-F-K-125U-125D-L840-UNV-STD-W-WM-4

Issue Date: 3/10/2026

Test Information

Test Method: LM-79-2019
Report Number: P1427791
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2303-941-3, G2-2308-131-20)
Test Lab: INNOVATION CENTER
Issue Date: 3/10/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ2W-F-K-125U-125D-L840-UNV-STD-W-WM-4
Description: CORELITE SQ2W WALL MOUNTED LED LUMINAIRE
DOWNLIGHT - FROSTED CONTINUOUS ROLL LENS
UPLIGHT - ASYMMETRIC ROLL LENS
DOWNLIGHT 1250 LUMENS PER FOOT
UPLIGHT 1250 LUMENS PER FOOT
Light Source: 4000K CCT, 80 CRI LEDS
Ballast/Driver: -

Summary

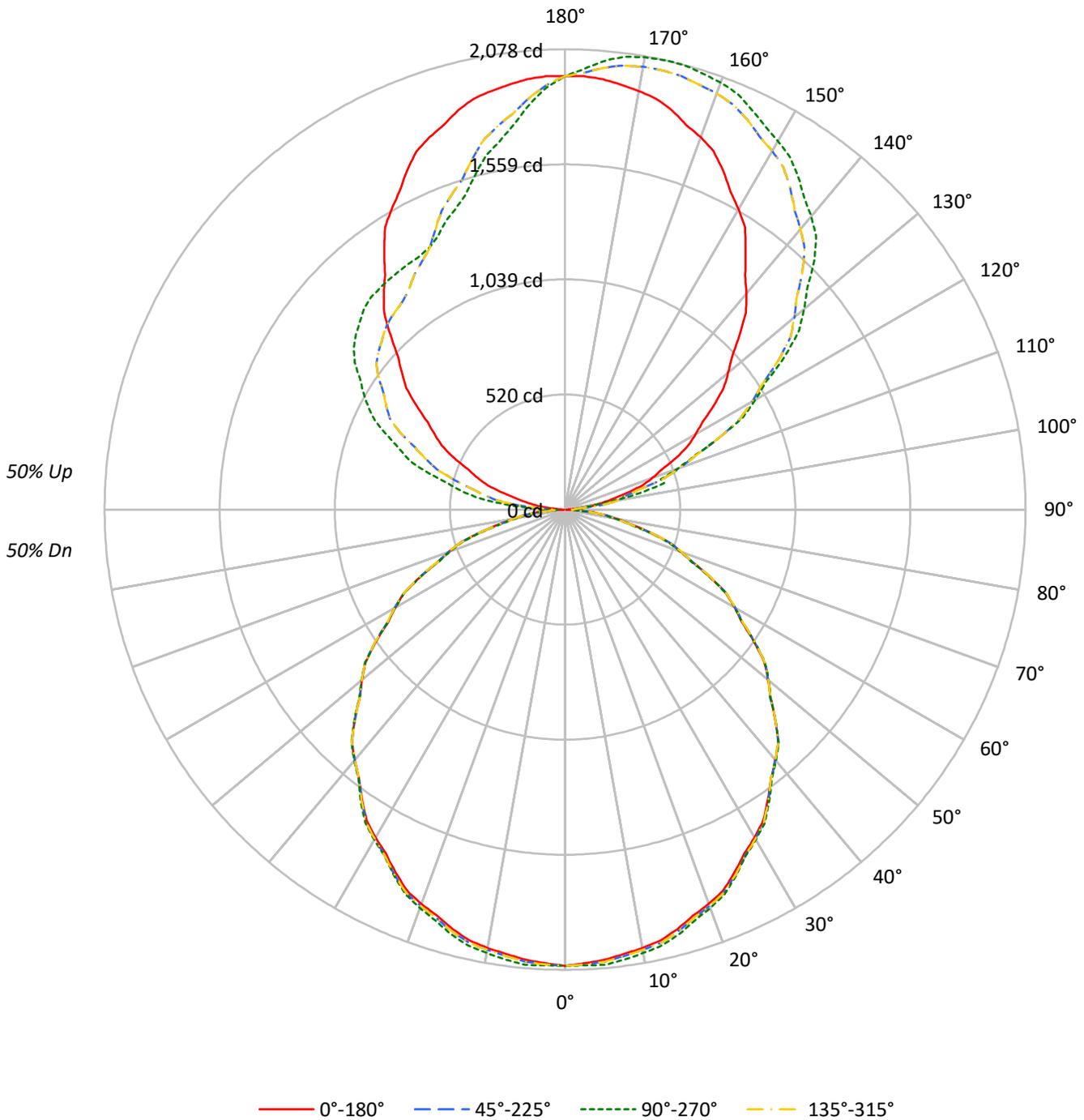
Lumens per Lamp: N/A
Luminaire Lumens: 11520.1 lumens
Efficiency: N/A
Efficacy: 123.6 lumens/watt
Spacing Criteria (0/90/45): 1.24 / 1.25 / 1.36
Luminous Opening: Rectangular (W 0.17' x L: 4' x H: 0')
CIE Type: General Diffuse

Input Watts (W): 93.2
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: P1427791

CATALOG NUMBER: SQ2W-F-K-125U-125D-L840-UNV-STD-W-WM-4

Luminous Intensity Polar Plot





TEST NUMBER: P1427791

CATALOG NUMBER: SQ2W-F-K-125U-125D-L840-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 | 107 | 107 | 107 | 107 | 99 | 99 | 99 | 99 | 84 | 84 | 84 | 69 | 69 | 69 | 56 | 56 | 56 | 50 |
| 1 | 98 | 93 | 89 | 86 | 90 | 86 | 83 | 80 | 73 | 71 | 68 | 61 | 59 | 57 | 50 | 48 | 47 | 42 |
| 2 | 89 | 81 | 75 | 70 | 82 | 75 | 70 | 65 | 64 | 60 | 56 | 53 | 50 | 48 | 43 | 41 | 40 | 35 |
| 3 | 81 | 71 | 64 | 58 | 74 | 66 | 59 | 54 | 56 | 51 | 47 | 47 | 43 | 40 | 38 | 36 | 34 | 29 |
| 4 | 74 | 63 | 55 | 49 | 68 | 58 | 51 | 46 | 50 | 44 | 40 | 42 | 38 | 34 | 34 | 31 | 29 | 25 |
| 5 | 68 | 56 | 48 | 42 | 62 | 52 | 45 | 39 | 44 | 39 | 34 | 37 | 33 | 30 | 31 | 28 | 25 | 22 |
| 6 | 62 | 50 | 42 | 36 | 57 | 47 | 39 | 34 | 40 | 34 | 30 | 34 | 29 | 26 | 28 | 24 | 22 | 19 |
| 7 | 58 | 45 | 37 | 32 | 53 | 42 | 35 | 30 | 36 | 30 | 26 | 31 | 26 | 23 | 25 | 22 | 19 | 17 |
| 8 | 53 | 41 | 33 | 28 | 49 | 38 | 31 | 26 | 33 | 27 | 23 | 28 | 24 | 20 | 23 | 20 | 17 | 15 |
| 9 | 50 | 37 | 30 | 25 | 46 | 35 | 28 | 23 | 30 | 25 | 21 | 26 | 21 | 18 | 21 | 18 | 16 | 13 |
| 10 | 46 | 34 | 27 | 22 | 43 | 32 | 25 | 21 | 28 | 22 | 19 | 24 | 19 | 16 | 20 | 17 | 14 | 12 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 33270 | 33270 | 33270 | 33270 |
| 5° | 33068 | 33444 | 33068 | 33444 |
| 10° | 32950 | 33330 | 32950 | 33330 |
| 15° | 32768 | 33181 | 32768 | 33181 |
| 20° | 32561 | 32886 | 32561 | 32886 |
| 25° | 32211 | 32494 | 32211 | 32494 |
| 30° | 31869 | 32085 | 31869 | 32085 |
| 35° | 31461 | 31662 | 31461 | 31662 |
| 40° | 31105 | 31195 | 31105 | 31195 |
| 45° | 30649 | 30649 | 30649 | 30649 |
| 50° | 30034 | 30106 | 30034 | 30106 |
| 55° | 29328 | 29368 | 29328 | 29368 |
| 60° | 28536 | 28536 | 28536 | 28536 |
| 65° | 27606 | 27495 | 27606 | 27495 |
| 70° | 26303 | 26030 | 26303 | 26030 |
| 75° | 24528 | 23986 | 24528 | 23986 |
| 80° | 21859 | 20781 | 21859 | 20781 |
| 85° | 17469 | 14783 | 17469 | 14783 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 30855 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 195.0 | 1.7 |
| 10°-20° | 557.1 | 4.8 |
| 20°-30° | 838.6 | 7.3 |
| 30°-40° | 1002.8 | 8.7 |
| 40°-50° | 1035.5 | 9.0 |
| 50°-60° | 934.0 | 8.1 |
| 60°-70° | 715.5 | 6.2 |
| 70°-80° | 413.5 | 3.6 |
| 80°-90° | 115.5 | 1.0 |
| 90°-100° | 155.7 | 1.4 |
| 100°-110° | 454.1 | 3.9 |
| 110°-120° | 741.1 | 6.4 |
| 120°-130° | 940.4 | 8.2 |
| 130°-140° | 1006.2 | 8.7 |
| 140°-150° | 939.6 | 8.2 |
| 150°-160° | 773.1 | 6.7 |
| 160°-170° | 518.5 | 4.5 |
| 170°-180° | 184.1 | 1.6 |
| 0°-30° | 1590.6 | 13.8 |
| 0°-40° | 2593.4 | 22.5 |
| 0°-60° | 4562.9 | 39.6 |
| 0°-90° | 5807.3 | 50.4 |
| 90°-120° | 1350.9 | 11.7 |
| 90°-150° | 4237.0 | 36.8 |
| 90°-180° | 5713.0 | 49.6 |
| 0°-180° | 11520.1 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 2061 | 2061 | 2061 | 2061 | 2061 | |
| 5° | 2040 | 2064 | 2040 | 2064 | 2040 | 194 |
| 15° | 1960 | 1985 | 1960 | 1985 | 1960 | 553 |
| 25° | 1808 | 1824 | 1808 | 1824 | 1808 | 833 |
| 35° | 1596 | 1606 | 1596 | 1606 | 1596 | 999 |
| 45° | 1342 | 1342 | 1342 | 1342 | 1342 | 1034 |
| 55° | 1042 | 1043 | 1042 | 1043 | 1042 | 931 |
| 65° | 723 | 720 | 723 | 720 | 723 | 714 |
| 75° | 393 | 384 | 393 | 384 | 393 | 416 |
| 85° | 94 | 80 | 94 | 80 | 94 | 110 |
| 90° | 6 | 44 | 6 | 85 | 6 | 9 |
| 95° | 61 | 46 | 61 | 267 | 61 | 74 |
| 105° | 288 | 462 | 288 | 636 | 288 | 307 |
| 115° | 553 | 767 | 553 | 945 | 553 | 545 |
| 125° | 818 | 1215 | 818 | 1158 | 818 | 732 |
| 135° | 1113 | 1591 | 1113 | 1283 | 1113 | 860 |
| 145° | 1421 | 1834 | 1421 | 1310 | 1421 | 889 |
| 155° | 1688 | 1992 | 1688 | 1360 | 1688 | 776 |
| 165° | 1866 | 2077 | 1866 | 1565 | 1866 | 525 |
| 175° | 1951 | 2034 | 1951 | 1836 | 1951 | 185 |
| 180° | 1956 | 1956 | 1956 | 1956 | 1956 | |



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CATALOG NUMBER: SQ2W-F-K-125U-125D-L840-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 30° | 40° | 50° | 60° | 70° | 80° | 90° | 100° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2060.6 | 2060.6 | 2060.6 | 2060.6 | 2060.6 | 2060.6 | 2060.6 | 2060.6 | 2060.6 | 2060.6 | 2060.6 |
| 2.5° | 2050.1 | 2059.9 | 2069.7 | 2065.6 | 2056.8 | 2053.5 | 2055.5 | 2057.3 | 2058.4 | 2059.4 | 2058.4 |
| 5° | 2040.3 | 2053.2 | 2066.1 | 2061.5 | 2051.2 | 2046.7 | 2048.0 | 2050.6 | 2057.0 | 2063.5 | 2057.0 |
| 7.5° | 2023.7 | 2036.6 | 2049.5 | 2045.4 | 2035.6 | 2031.4 | 2033.0 | 2035.8 | 2042.5 | 2049.2 | 2042.5 |
| 10° | 2009.8 | 2022.7 | 2035.6 | 2031.1 | 2020.7 | 2016.9 | 2019.5 | 2022.7 | 2027.8 | 2033.0 | 2027.8 |
| 12.5° | 1992.4 | 2005.3 | 2018.2 | 2014.4 | 2005.1 | 2001.3 | 2002.8 | 2005.4 | 2011.1 | 2016.7 | 2011.1 |
| 15° | 1960.4 | 1973.3 | 1986.2 | 1982.7 | 1973.7 | 1970.1 | 1972.1 | 1974.8 | 1980.0 | 1985.1 | 1980.0 |
| 17.5° | 1921.8 | 1934.0 | 1946.1 | 1942.8 | 1934.5 | 1931.4 | 1933.5 | 1936.3 | 1940.8 | 1945.4 | 1940.8 |
| 20° | 1895.1 | 1906.8 | 1918.4 | 1915.0 | 1906.6 | 1902.7 | 1903.4 | 1905.0 | 1909.5 | 1914.0 | 1909.5 |
| 22.5° | 1862.6 | 1874.2 | 1885.9 | 1882.9 | 1875.0 | 1870.3 | 1868.9 | 1869.2 | 1874.8 | 1880.3 | 1874.8 |
| 25° | 1808.1 | 1819.7 | 1831.3 | 1828.9 | 1821.8 | 1817.3 | 1815.3 | 1815.0 | 1819.5 | 1824.0 | 1819.5 |
| 27.5° | 1751.2 | 1760.9 | 1770.5 | 1768.5 | 1762.6 | 1759.0 | 1757.7 | 1757.5 | 1760.7 | 1764.0 | 1760.7 |
| 30° | 1709.4 | 1719.1 | 1728.7 | 1726.3 | 1719.9 | 1716.0 | 1714.7 | 1714.6 | 1717.8 | 1721.0 | 1717.8 |
| 32.5° | 1665.3 | 1674.4 | 1683.6 | 1680.3 | 1672.8 | 1668.9 | 1668.7 | 1669.4 | 1673.2 | 1676.9 | 1673.2 |
| 35° | 1596.2 | 1604.0 | 1611.7 | 1608.3 | 1601.2 | 1598.0 | 1598.6 | 1599.9 | 1603.1 | 1606.4 | 1603.1 |
| 37.5° | 1526.9 | 1532.8 | 1538.7 | 1535.3 | 1528.7 | 1525.3 | 1525.2 | 1525.8 | 1528.5 | 1531.2 | 1528.5 |
| 40° | 1475.8 | 1482.2 | 1488.7 | 1485.0 | 1477.9 | 1474.0 | 1473.4 | 1473.7 | 1476.9 | 1480.1 | 1476.9 |
| 42.5° | 1423.5 | 1428.4 | 1433.3 | 1430.0 | 1424.0 | 1421.1 | 1421.5 | 1422.2 | 1423.9 | 1425.6 | 1423.9 |
| 45° | 1342.3 | 1346.8 | 1351.3 | 1348.1 | 1342.3 | 1339.4 | 1339.4 | 1339.7 | 1341.0 | 1342.3 | 1341.0 |
| 47.5° | 1257.2 | 1260.7 | 1264.2 | 1261.7 | 1257.2 | 1254.5 | 1253.8 | 1253.7 | 1255.8 | 1257.8 | 1255.8 |
| 50° | 1195.7 | 1200.2 | 1204.7 | 1202.5 | 1198.0 | 1195.1 | 1193.8 | 1193.5 | 1196.0 | 1198.6 | 1196.0 |
| 52.5° | 1135.3 | 1140.4 | 1145.4 | 1143.3 | 1138.8 | 1135.6 | 1133.8 | 1133.0 | 1135.0 | 1137.1 | 1135.0 |
| 55° | 1041.9 | 1047.7 | 1053.5 | 1052.1 | 1048.2 | 1045.0 | 1042.4 | 1040.8 | 1042.1 | 1043.3 | 1042.1 |
| 57.5° | 946.4 | 952.1 | 957.8 | 956.7 | 953.3 | 950.1 | 947.0 | 945.1 | 946.9 | 948.7 | 946.9 |
| 60° | 883.7 | 888.9 | 894.0 | 892.4 | 888.6 | 885.3 | 882.8 | 881.1 | 882.4 | 883.7 | 882.4 |
| 62.5° | 819.9 | 825.0 | 830.2 | 828.2 | 823.8 | 820.3 | 817.7 | 816.1 | 817.4 | 818.7 | 817.4 |
| 65° | 722.6 | 727.2 | 731.7 | 729.9 | 726.0 | 722.8 | 720.2 | 718.5 | 719.1 | 719.7 | 719.1 |
| 67.5° | 624.6 | 628.4 | 632.3 | 630.5 | 626.7 | 623.0 | 619.2 | 616.7 | 617.7 | 618.8 | 617.7 |
| 70° | 557.2 | 561.1 | 565.0 | 563.5 | 560.3 | 557.1 | 553.8 | 551.4 | 551.4 | 551.4 | 551.4 |
| 72.5° | 492.2 | 495.6 | 498.9 | 497.0 | 493.2 | 490.0 | 487.3 | 485.2 | 485.2 | 485.2 | 485.2 |
| 75° | 393.2 | 395.2 | 397.1 | 396.2 | 394.2 | 391.6 | 388.4 | 385.8 | 385.2 | 384.5 | 385.2 |
| 77.5° | 297.8 | 297.8 | 297.8 | 295.9 | 293.5 | 291.0 | 288.6 | 286.5 | 285.8 | 285.0 | 285.8 |
| 80° | 235.1 | 235.1 | 235.1 | 233.6 | 231.7 | 229.8 | 227.8 | 226.0 | 224.8 | 223.5 | 224.8 |
| 82.5° | 177.0 | 176.0 | 175.0 | 173.3 | 171.3 | 168.9 | 165.9 | 164.0 | 165.3 | 166.6 | 165.3 |
| 85° | 94.3 | 93.0 | 91.7 | 90.0 | 88.0 | 85.8 | 83.2 | 81.1 | 80.5 | 79.8 | 80.5 |
| 87.5° | 30.2 | 30.8 | 31.7 | 31.9 | 31.5 | 30.1 | 28.0 | 26.7 | 26.6 | 26.1 | 26.6 |
| 90° | 5.9 | 13.8 | 23.7 | 31.6 | 37.5 | 39.5 | 39.5 | 41.5 | 43.5 | 43.5 | 43.5 |
| 92.5° | 21.7 | 34.4 | 34.8 | 34.8 | 42.3 | 45.9 | 49.0 | 49.4 | 51.4 | 51.4 | 51.4 |
| 95° | 61.3 | 67.2 | 100.8 | 98.8 | 67.2 | 53.4 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 |
| 97.5° | 117.0 | 125.7 | 131.2 | 175.9 | 185.8 | 179.4 | 146.2 | 122.9 | 109.9 | 104.0 | 109.9 |
| 100° | 166.0 | 170.0 | 181.8 | 183.8 | 233.2 | 280.6 | 256.9 | 227.3 | 217.4 | 211.5 | 217.4 |
| 102.5° | 215.0 | 217.4 | 235.6 | 243.9 | 255.3 | 282.2 | 364.4 | 355.3 | 348.6 | 347.4 | 348.6 |
| 105° | 288.5 | 290.5 | 324.1 | 339.9 | 347.8 | 347.8 | 345.9 | 385.4 | 448.6 | 462.5 | 448.6 |
| 107.5° | 367.2 | 376.3 | 415.8 | 458.1 | 467.2 | 469.6 | 459.3 | 453.4 | 451.0 | 452.6 | 451.0 |
| 110° | 421.0 | 434.8 | 482.2 | 535.6 | 549.4 | 553.4 | 549.4 | 543.5 | 539.5 | 539.5 | 539.5 |



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CANDELA DISTRIBUTION (continued):

| | 0° | 10° | 20° | 30° | 40° | 50° | 60° | 70° | 80° | 90° | 100° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 473.1 | 493.3 | 547.0 | 608.3 | 631.6 | 643.5 | 634.8 | 630.4 | 626.5 | 629.7 | 626.5 |
| 115° | 553.4 | 583.0 | 654.2 | 717.4 | 764.8 | 770.8 | 768.8 | 768.8 | 766.8 | 766.8 | 766.8 |
| 117.5° | 627.7 | 675.1 | 754.9 | 828.5 | 883.4 | 899.2 | 907.1 | 904.8 | 902.4 | 906.3 | 902.4 |
| 120° | 679.8 | 735.2 | 826.1 | 909.1 | 962.5 | 986.2 | 994.1 | 990.1 | 994.1 | 990.1 | 994.1 |
| 122.5° | 735.2 | 803.2 | 892.5 | 978.7 | 1041.5 | 1068.4 | 1077.9 | 1078.7 | 1079.5 | 1077.1 | 1079.5 |
| 125° | 818.2 | 901.2 | 1005.9 | 1094.9 | 1160.1 | 1191.7 | 1199.6 | 1201.6 | 1205.5 | 1215.4 | 1205.5 |
| 127.5° | 902.0 | 996.1 | 1111.1 | 1196.9 | 1263.7 | 1302.0 | 1314.2 | 1318.6 | 1326.9 | 1331.2 | 1326.9 |
| 130° | 960.5 | 1067.2 | 1183.8 | 1264.8 | 1330.1 | 1371.6 | 1393.3 | 1399.2 | 1409.1 | 1407.1 | 1409.1 |
| 132.5° | 1022.1 | 1133.6 | 1251.8 | 1336.0 | 1396.5 | 1441.1 | 1459.7 | 1476.7 | 1480.3 | 1483.0 | 1480.3 |
| 135° | 1112.7 | 1233.2 | 1351.8 | 1434.8 | 1492.1 | 1535.6 | 1559.3 | 1575.1 | 1585.0 | 1590.9 | 1585.0 |
| 137.5° | 1207.9 | 1335.2 | 1449.0 | 1522.9 | 1580.7 | 1618.2 | 1645.1 | 1661.7 | 1672.0 | 1676.7 | 1672.0 |
| 140° | 1272.7 | 1395.3 | 1505.9 | 1583.0 | 1634.4 | 1672.0 | 1695.7 | 1715.4 | 1727.3 | 1727.3 | 1727.3 |
| 142.5° | 1334.4 | 1455.4 | 1562.9 | 1639.9 | 1685.0 | 1719.4 | 1744.7 | 1759.7 | 1773.1 | 1773.1 | 1773.1 |
| 145° | 1421.0 | 1541.5 | 1640.3 | 1717.4 | 1755.0 | 1786.6 | 1814.3 | 1826.1 | 1834.0 | 1834.0 | 1834.0 |
| 147.5° | 1511.5 | 1618.2 | 1708.3 | 1782.2 | 1813.9 | 1851.0 | 1872.7 | 1882.2 | 1892.1 | 1887.8 | 1892.1 |
| 150° | 1565.2 | 1664.1 | 1751.0 | 1820.2 | 1851.8 | 1887.4 | 1909.1 | 1917.0 | 1926.9 | 1921.0 | 1926.9 |
| 152.5° | 1617.4 | 1711.5 | 1790.5 | 1855.0 | 1881.8 | 1917.4 | 1942.3 | 1950.2 | 1956.9 | 1952.6 | 1956.9 |
| 155° | 1687.8 | 1770.8 | 1843.9 | 1903.2 | 1926.9 | 1960.5 | 1984.2 | 1994.1 | 2002.0 | 1992.1 | 2002.0 |
| 157.5° | 1750.6 | 1822.2 | 1885.8 | 1940.3 | 1965.6 | 1994.5 | 2016.6 | 2028.9 | 2036.8 | 2032.4 | 2036.8 |
| 160° | 1788.6 | 1853.8 | 1911.1 | 1962.5 | 1986.2 | 2011.9 | 2035.6 | 2049.4 | 2057.3 | 2051.4 | 2057.3 |
| 162.5° | 1820.2 | 1879.1 | 1933.2 | 1979.9 | 2000.4 | 2022.9 | 2051.4 | 2063.7 | 2071.6 | 2064.1 | 2071.6 |
| 165° | 1865.6 | 1913.1 | 1960.5 | 2000.0 | 2017.8 | 2035.6 | 2065.2 | 2079.1 | 2085.0 | 2077.1 | 2085.0 |
| 167.5° | 1900.0 | 1936.4 | 1974.7 | 2008.7 | 2021.8 | 2039.2 | 2068.8 | 2080.3 | 2087.8 | 2077.9 | 2087.8 |
| 170° | 1919.0 | 1950.6 | 1984.2 | 2011.9 | 2021.8 | 2037.6 | 2067.2 | 2077.1 | 2083.0 | 2073.1 | 2083.0 |
| 172.5° | 1934.8 | 1958.5 | 1985.8 | 2010.3 | 2015.4 | 2028.1 | 2056.2 | 2066.0 | 2070.4 | 2062.1 | 2070.4 |
| 175° | 1950.6 | 1964.5 | 1984.2 | 2000.0 | 1998.0 | 2006.0 | 2029.7 | 2037.6 | 2045.5 | 2033.6 | 2045.5 |
| 177.5° | 1958.1 | 1964.5 | 1970.8 | 1980.3 | 1973.9 | 1973.9 | 1991.3 | 1996.1 | 1997.7 | 1991.3 | 1997.7 |
| 180° | 1956.5 | 1956.5 | 1956.5 | 1956.5 | 1956.5 | 1956.5 | 1956.5 | 1956.5 | 1956.5 | 1956.5 | 1956.5 |



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CANDELA DISTRIBUTION (continued):

| | 110° | 120° | 130° | 140° | 150° | 160° | 170° | 180° | 190° | 200° | 210° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2060.6 | 2060.6 | 2060.6 | 2060.6 | 2060.6 | 2060.6 | 2060.6 | 2060.6 | 2060.6 | 2060.6 | 2060.6 |
| 2.5° | 2057.3 | 2055.5 | 2053.5 | 2056.8 | 2065.6 | 2069.7 | 2059.9 | 2050.1 | 2059.9 | 2069.7 | 2065.6 |
| 5° | 2050.6 | 2048.0 | 2046.7 | 2051.2 | 2061.5 | 2066.1 | 2053.2 | 2040.3 | 2053.2 | 2066.1 | 2061.5 |
| 7.5° | 2035.8 | 2033.0 | 2031.4 | 2035.6 | 2045.4 | 2049.5 | 2036.6 | 2023.7 | 2036.6 | 2049.5 | 2045.4 |
| 10° | 2022.7 | 2019.5 | 2016.9 | 2020.7 | 2031.1 | 2035.6 | 2022.7 | 2009.8 | 2022.7 | 2035.6 | 2031.1 |
| 12.5° | 2005.4 | 2002.8 | 2001.3 | 2005.1 | 2014.4 | 2018.2 | 2005.3 | 1992.4 | 2005.3 | 2018.2 | 2014.4 |
| 15° | 1974.8 | 1972.1 | 1970.1 | 1973.7 | 1982.7 | 1986.2 | 1973.3 | 1960.4 | 1973.3 | 1986.2 | 1982.7 |
| 17.5° | 1936.3 | 1933.5 | 1931.4 | 1934.5 | 1942.8 | 1946.1 | 1934.0 | 1921.8 | 1934.0 | 1946.1 | 1942.8 |
| 20° | 1905.0 | 1903.4 | 1902.7 | 1906.6 | 1915.0 | 1918.4 | 1906.8 | 1895.1 | 1906.8 | 1918.4 | 1915.0 |
| 22.5° | 1869.2 | 1868.9 | 1870.3 | 1875.0 | 1882.9 | 1885.9 | 1874.2 | 1862.6 | 1874.2 | 1885.9 | 1882.9 |
| 25° | 1815.0 | 1815.3 | 1817.3 | 1821.8 | 1828.9 | 1831.3 | 1819.7 | 1808.1 | 1819.7 | 1831.3 | 1828.9 |
| 27.5° | 1757.5 | 1757.7 | 1759.0 | 1762.6 | 1768.5 | 1770.5 | 1760.9 | 1751.2 | 1760.9 | 1770.5 | 1768.5 |
| 30° | 1714.6 | 1714.7 | 1716.0 | 1719.9 | 1726.3 | 1728.7 | 1719.1 | 1709.4 | 1719.1 | 1728.7 | 1726.3 |
| 32.5° | 1669.4 | 1668.7 | 1668.9 | 1672.8 | 1680.3 | 1683.6 | 1674.4 | 1665.3 | 1674.4 | 1683.6 | 1680.3 |
| 35° | 1599.9 | 1598.6 | 1598.0 | 1601.2 | 1608.3 | 1611.7 | 1604.0 | 1596.2 | 1604.0 | 1611.7 | 1608.3 |
| 37.5° | 1525.8 | 1525.2 | 1525.3 | 1528.7 | 1535.3 | 1538.7 | 1532.8 | 1526.9 | 1532.8 | 1538.7 | 1535.3 |
| 40° | 1473.7 | 1473.4 | 1474.0 | 1477.9 | 1485.0 | 1488.7 | 1482.2 | 1475.8 | 1482.2 | 1488.7 | 1485.0 |
| 42.5° | 1422.2 | 1421.5 | 1421.1 | 1424.0 | 1430.0 | 1433.3 | 1428.4 | 1423.5 | 1428.4 | 1433.3 | 1430.0 |
| 45° | 1339.7 | 1339.4 | 1339.4 | 1342.3 | 1348.1 | 1351.3 | 1346.8 | 1342.3 | 1346.8 | 1351.3 | 1348.1 |
| 47.5° | 1253.7 | 1253.8 | 1254.5 | 1257.2 | 1261.7 | 1264.2 | 1260.7 | 1257.2 | 1260.7 | 1264.2 | 1261.7 |
| 50° | 1193.5 | 1193.8 | 1195.1 | 1198.0 | 1202.5 | 1204.7 | 1200.2 | 1195.7 | 1200.2 | 1204.7 | 1202.5 |
| 52.5° | 1133.0 | 1133.8 | 1135.6 | 1138.8 | 1143.3 | 1145.4 | 1140.4 | 1135.3 | 1140.4 | 1145.4 | 1143.3 |
| 55° | 1040.8 | 1042.4 | 1045.0 | 1048.2 | 1052.1 | 1053.5 | 1047.7 | 1041.9 | 1047.7 | 1053.5 | 1052.1 |
| 57.5° | 945.1 | 947.0 | 950.1 | 953.3 | 956.7 | 957.8 | 952.1 | 946.4 | 952.1 | 957.8 | 956.7 |
| 60° | 881.1 | 882.8 | 885.3 | 888.6 | 892.4 | 894.0 | 888.9 | 883.7 | 888.9 | 894.0 | 892.4 |
| 62.5° | 816.1 | 817.7 | 820.3 | 823.8 | 828.2 | 830.2 | 825.0 | 819.9 | 825.0 | 830.2 | 828.2 |
| 65° | 718.5 | 720.2 | 722.8 | 726.0 | 729.9 | 731.7 | 727.2 | 722.6 | 727.2 | 731.7 | 729.9 |
| 67.5° | 616.7 | 619.2 | 623.0 | 626.7 | 630.5 | 632.3 | 628.4 | 624.6 | 628.4 | 632.3 | 630.5 |
| 70° | 551.4 | 553.8 | 557.1 | 560.3 | 563.5 | 565.0 | 561.1 | 557.2 | 561.1 | 565.0 | 563.5 |
| 72.5° | 485.2 | 487.3 | 490.0 | 493.2 | 497.0 | 498.9 | 495.6 | 492.2 | 495.6 | 498.9 | 497.0 |
| 75° | 385.8 | 388.4 | 391.6 | 394.2 | 396.2 | 397.1 | 395.2 | 393.2 | 395.2 | 397.1 | 396.2 |
| 77.5° | 286.5 | 288.6 | 291.0 | 293.5 | 295.9 | 297.8 | 297.8 | 297.8 | 297.8 | 297.8 | 295.9 |
| 80° | 226.0 | 227.8 | 229.8 | 231.7 | 233.6 | 235.1 | 235.1 | 235.1 | 235.1 | 235.1 | 233.6 |
| 82.5° | 164.0 | 165.9 | 168.9 | 171.3 | 173.3 | 175.0 | 176.0 | 177.0 | 176.0 | 175.0 | 173.3 |
| 85° | 81.1 | 83.2 | 85.8 | 88.0 | 90.0 | 91.7 | 93.0 | 94.3 | 93.0 | 91.7 | 90.0 |
| 87.5° | 26.7 | 28.0 | 30.1 | 31.5 | 31.9 | 31.7 | 30.8 | 30.2 | 30.8 | 31.3 | 32.7 |
| 90° | 41.5 | 39.5 | 39.5 | 37.5 | 31.6 | 23.7 | 13.8 | 5.9 | 13.8 | 21.7 | 35.6 |
| 92.5° | 49.4 | 49.0 | 45.9 | 42.3 | 34.8 | 34.8 | 34.4 | 21.7 | 37.5 | 53.4 | 76.7 |
| 95° | 45.5 | 45.5 | 53.4 | 67.2 | 98.8 | 100.8 | 67.2 | 61.3 | 87.0 | 122.5 | 154.2 |
| 97.5° | 122.9 | 146.2 | 179.4 | 185.8 | 175.9 | 131.2 | 125.7 | 117.0 | 159.3 | 194.5 | 245.5 |
| 100° | 227.3 | 256.9 | 280.6 | 233.2 | 183.8 | 181.8 | 170.0 | 166.0 | 211.5 | 245.1 | 294.5 |
| 102.5° | 355.3 | 364.4 | 282.2 | 255.3 | 243.9 | 235.6 | 217.4 | 215.0 | 260.5 | 306.7 | 348.2 |
| 105° | 385.4 | 345.9 | 347.8 | 347.8 | 339.9 | 324.1 | 290.5 | 288.5 | 339.9 | 393.3 | 444.7 |
| 107.5° | 453.4 | 459.3 | 469.6 | 467.2 | 458.1 | 415.8 | 376.3 | 367.2 | 413.4 | 477.5 | 534.0 |
| 110° | 543.5 | 549.4 | 553.4 | 549.4 | 535.6 | 482.2 | 434.8 | 421.0 | 462.5 | 529.7 | 590.9 |



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CATALOG NUMBER: SQ2W-F-K-125U-125D-L840-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 110° | 120° | 130° | 140° | 150° | 160° | 170° | 180° | 190° | 200° | 210° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 630.4 | 634.8 | 643.5 | 631.6 | 608.3 | 547.0 | 493.3 | 473.1 | 514.6 | 583.4 | 646.3 |
| 115° | 768.8 | 768.8 | 770.8 | 764.8 | 717.4 | 654.2 | 583.0 | 553.4 | 588.9 | 652.2 | 721.4 |
| 117.5° | 904.8 | 907.1 | 899.2 | 883.4 | 828.5 | 754.9 | 675.1 | 627.7 | 655.7 | 722.5 | 793.7 |
| 120° | 990.1 | 994.1 | 986.2 | 962.5 | 909.1 | 826.1 | 735.2 | 679.8 | 701.6 | 766.8 | 838.0 |
| 122.5° | 1078.7 | 1077.9 | 1068.4 | 1041.5 | 978.7 | 892.5 | 803.2 | 735.2 | 744.3 | 804.8 | 874.3 |
| 125° | 1201.6 | 1199.6 | 1191.7 | 1160.1 | 1094.9 | 1005.9 | 901.2 | 818.2 | 806.3 | 857.7 | 928.9 |
| 127.5° | 1318.6 | 1314.2 | 1302.0 | 1263.7 | 1196.9 | 1111.1 | 996.1 | 902.0 | 875.5 | 907.9 | 973.1 |
| 130° | 1399.2 | 1393.3 | 1371.6 | 1330.1 | 1264.8 | 1183.8 | 1067.2 | 960.5 | 922.9 | 942.7 | 1000.0 |
| 132.5° | 1476.7 | 1459.7 | 1441.1 | 1396.5 | 1336.0 | 1251.8 | 1133.6 | 1022.1 | 970.4 | 979.1 | 1023.7 |
| 135° | 1575.1 | 1559.3 | 1535.6 | 1492.1 | 1434.8 | 1351.8 | 1233.2 | 1112.7 | 1041.5 | 1033.6 | 1059.3 |
| 137.5° | 1661.7 | 1645.1 | 1618.2 | 1580.7 | 1522.9 | 1449.0 | 1335.2 | 1207.9 | 1118.2 | 1091.7 | 1101.6 |
| 140° | 1715.4 | 1695.7 | 1672.0 | 1634.4 | 1583.0 | 1505.9 | 1395.3 | 1272.7 | 1172.0 | 1134.4 | 1128.5 |
| 142.5° | 1759.7 | 1744.7 | 1719.4 | 1685.0 | 1639.9 | 1562.9 | 1455.4 | 1334.4 | 1227.3 | 1178.7 | 1164.8 |
| 145° | 1826.1 | 1814.3 | 1786.6 | 1755.0 | 1717.4 | 1640.3 | 1541.5 | 1421.0 | 1314.2 | 1251.0 | 1221.4 |
| 147.5° | 1882.2 | 1872.7 | 1851.0 | 1813.9 | 1782.2 | 1708.3 | 1618.2 | 1511.5 | 1402.0 | 1323.7 | 1285.4 |
| 150° | 1917.0 | 1909.1 | 1887.4 | 1851.8 | 1820.2 | 1751.0 | 1664.1 | 1565.2 | 1460.5 | 1377.5 | 1328.1 |
| 152.5° | 1950.2 | 1942.3 | 1917.4 | 1881.8 | 1855.0 | 1790.5 | 1711.5 | 1617.4 | 1511.1 | 1428.1 | 1377.1 |
| 155° | 1994.1 | 1984.2 | 1960.5 | 1926.9 | 1903.2 | 1843.9 | 1770.8 | 1687.8 | 1596.9 | 1509.9 | 1452.6 |
| 157.5° | 2028.9 | 2016.6 | 1994.5 | 1965.6 | 1940.3 | 1885.8 | 1822.2 | 1750.6 | 1671.2 | 1588.2 | 1529.7 |
| 160° | 2049.4 | 2035.6 | 2011.9 | 1986.2 | 1962.5 | 1911.1 | 1853.8 | 1788.6 | 1715.4 | 1640.3 | 1577.1 |
| 162.5° | 2063.7 | 2051.4 | 2022.9 | 2000.4 | 1979.9 | 1933.2 | 1879.1 | 1820.2 | 1755.0 | 1689.3 | 1630.8 |
| 165° | 2079.1 | 2065.2 | 2035.6 | 2017.8 | 2000.0 | 1960.5 | 1913.1 | 1865.6 | 1810.3 | 1756.9 | 1709.5 |
| 167.5° | 2080.3 | 2068.8 | 2039.2 | 2021.8 | 2008.7 | 1974.7 | 1936.4 | 1900.0 | 1856.9 | 1815.0 | 1775.5 |
| 170° | 2077.1 | 2067.2 | 2037.6 | 2021.8 | 2011.9 | 1984.2 | 1950.6 | 1919.0 | 1885.4 | 1849.8 | 1818.2 |
| 172.5° | 2066.0 | 2056.2 | 2028.1 | 2015.4 | 2010.3 | 1985.8 | 1958.5 | 1934.8 | 1906.0 | 1879.9 | 1854.6 |
| 175° | 2037.6 | 2029.7 | 2006.0 | 1998.0 | 2000.0 | 1984.2 | 1964.5 | 1950.6 | 1932.8 | 1917.0 | 1903.2 |
| 177.5° | 1996.1 | 1991.3 | 1973.9 | 1973.9 | 1980.3 | 1970.8 | 1964.5 | 1958.1 | 1950.2 | 1945.5 | 1940.7 |
| 180° | 1956.5 | 1956.5 | 1956.5 | 1956.5 | 1956.5 | 1956.5 | 1956.5 | 1956.5 | 1956.5 | 1956.5 | 1956.5 |



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CANDELA DISTRIBUTION (continued):

| | 220° | 230° | 240° | 250° | 260° | 270° | 280° | 290° | 300° | 310° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2060.6 | 2060.6 | 2060.6 | 2060.6 | 2060.6 | 2060.6 | 2060.6 | 2060.6 | 2060.6 | 2060.6 | 2060.6 |
| 2.5° | 2056.8 | 2053.5 | 2055.5 | 2057.3 | 2058.4 | 2059.4 | 2058.4 | 2057.3 | 2055.5 | 2053.5 | 2056.8 |
| 5° | 2051.2 | 2046.7 | 2048.0 | 2050.6 | 2057.0 | 2063.5 | 2057.0 | 2050.6 | 2048.0 | 2046.7 | 2051.2 |
| 7.5° | 2035.6 | 2031.4 | 2033.0 | 2035.8 | 2042.5 | 2049.2 | 2042.5 | 2035.8 | 2033.0 | 2031.4 | 2035.6 |
| 10° | 2020.7 | 2016.9 | 2019.5 | 2022.7 | 2027.8 | 2033.0 | 2027.8 | 2022.7 | 2019.5 | 2016.9 | 2020.7 |
| 12.5° | 2005.1 | 2001.3 | 2002.8 | 2005.4 | 2011.1 | 2016.7 | 2011.1 | 2005.4 | 2002.8 | 2001.3 | 2005.1 |
| 15° | 1973.7 | 1970.1 | 1972.1 | 1974.8 | 1980.0 | 1985.1 | 1980.0 | 1974.8 | 1972.1 | 1970.1 | 1973.7 |
| 17.5° | 1934.5 | 1931.4 | 1933.5 | 1936.3 | 1940.8 | 1945.4 | 1940.8 | 1936.3 | 1933.5 | 1931.4 | 1934.5 |
| 20° | 1906.6 | 1902.7 | 1903.4 | 1905.0 | 1909.5 | 1914.0 | 1909.5 | 1905.0 | 1903.4 | 1902.7 | 1906.6 |
| 22.5° | 1875.0 | 1870.3 | 1868.9 | 1869.2 | 1874.8 | 1880.3 | 1874.8 | 1869.2 | 1868.9 | 1870.3 | 1875.0 |
| 25° | 1821.8 | 1817.3 | 1815.3 | 1815.0 | 1819.5 | 1824.0 | 1819.5 | 1815.0 | 1815.3 | 1817.3 | 1821.8 |
| 27.5° | 1762.6 | 1759.0 | 1757.7 | 1757.5 | 1760.7 | 1764.0 | 1760.7 | 1757.5 | 1757.7 | 1759.0 | 1762.6 |
| 30° | 1719.9 | 1716.0 | 1714.7 | 1714.6 | 1717.8 | 1721.0 | 1717.8 | 1714.6 | 1714.7 | 1716.0 | 1719.9 |
| 32.5° | 1672.8 | 1668.9 | 1668.7 | 1669.4 | 1673.2 | 1676.9 | 1673.2 | 1669.4 | 1668.7 | 1668.9 | 1672.8 |
| 35° | 1601.2 | 1598.0 | 1598.6 | 1599.9 | 1603.1 | 1606.4 | 1603.1 | 1599.9 | 1598.6 | 1598.0 | 1601.2 |
| 37.5° | 1528.7 | 1525.3 | 1525.2 | 1525.8 | 1528.5 | 1531.2 | 1528.5 | 1525.8 | 1525.2 | 1525.3 | 1528.7 |
| 40° | 1477.9 | 1474.0 | 1473.4 | 1473.7 | 1476.9 | 1480.1 | 1476.9 | 1473.7 | 1473.4 | 1474.0 | 1477.9 |
| 42.5° | 1424.0 | 1421.1 | 1421.5 | 1422.2 | 1423.9 | 1425.6 | 1423.9 | 1422.2 | 1421.5 | 1421.1 | 1424.0 |
| 45° | 1342.3 | 1339.4 | 1339.4 | 1339.7 | 1341.0 | 1342.3 | 1341.0 | 1339.7 | 1339.4 | 1339.4 | 1342.3 |
| 47.5° | 1257.2 | 1254.5 | 1253.8 | 1253.7 | 1255.8 | 1257.8 | 1255.8 | 1253.7 | 1253.8 | 1254.5 | 1257.2 |
| 50° | 1198.0 | 1195.1 | 1193.8 | 1193.5 | 1196.0 | 1198.6 | 1196.0 | 1193.5 | 1193.8 | 1195.1 | 1198.0 |
| 52.5° | 1138.8 | 1135.6 | 1133.8 | 1133.0 | 1135.0 | 1137.1 | 1135.0 | 1133.0 | 1133.8 | 1135.6 | 1138.8 |
| 55° | 1048.2 | 1045.0 | 1042.4 | 1040.8 | 1042.1 | 1043.3 | 1042.1 | 1040.8 | 1042.4 | 1045.0 | 1048.2 |
| 57.5° | 953.3 | 950.1 | 947.0 | 945.1 | 946.9 | 948.7 | 946.9 | 945.1 | 947.0 | 950.1 | 953.3 |
| 60° | 888.6 | 885.3 | 882.8 | 881.1 | 882.4 | 883.7 | 882.4 | 881.1 | 882.8 | 885.3 | 888.6 |
| 62.5° | 823.8 | 820.3 | 817.7 | 816.1 | 817.4 | 818.7 | 817.4 | 816.1 | 817.7 | 820.3 | 823.8 |
| 65° | 726.0 | 722.8 | 720.2 | 718.5 | 719.1 | 719.7 | 719.1 | 718.5 | 720.2 | 722.8 | 726.0 |
| 67.5° | 626.7 | 623.0 | 619.2 | 616.7 | 617.7 | 618.8 | 617.7 | 616.7 | 619.2 | 623.0 | 626.7 |
| 70° | 560.3 | 557.1 | 553.8 | 551.4 | 551.4 | 551.4 | 551.4 | 551.4 | 553.8 | 557.1 | 560.3 |
| 72.5° | 493.2 | 490.0 | 487.3 | 485.2 | 485.2 | 485.2 | 485.2 | 485.2 | 487.3 | 490.0 | 493.2 |
| 75° | 394.2 | 391.6 | 388.4 | 385.8 | 385.2 | 384.5 | 385.2 | 385.8 | 388.4 | 391.6 | 394.2 |
| 77.5° | 293.5 | 291.0 | 288.6 | 286.5 | 285.8 | 285.0 | 285.8 | 286.5 | 288.6 | 291.0 | 293.5 |
| 80° | 231.7 | 229.8 | 227.8 | 226.0 | 224.8 | 223.5 | 224.8 | 226.0 | 227.8 | 229.8 | 231.7 |
| 82.5° | 171.3 | 168.9 | 165.9 | 164.0 | 165.3 | 166.6 | 165.3 | 164.0 | 165.9 | 168.9 | 171.3 |
| 85° | 88.0 | 85.8 | 83.2 | 81.1 | 80.5 | 79.8 | 80.5 | 81.1 | 83.2 | 85.8 | 88.0 |
| 87.5° | 33.1 | 34.0 | 34.7 | 34.7 | 35.7 | 34.4 | 35.7 | 34.7 | 34.7 | 34.0 | 33.1 |
| 90° | 45.5 | 59.3 | 73.1 | 81.0 | 88.9 | 85.0 | 88.9 | 81.0 | 73.1 | 59.3 | 45.5 |
| 92.5° | 91.3 | 114.6 | 131.6 | 145.9 | 152.2 | 151.4 | 152.2 | 145.9 | 131.6 | 114.6 | 91.3 |
| 95° | 183.8 | 211.5 | 239.1 | 258.9 | 270.8 | 266.8 | 270.8 | 258.9 | 239.1 | 211.5 | 183.8 |
| 97.5° | 283.4 | 320.6 | 351.4 | 370.0 | 381.8 | 389.7 | 381.8 | 370.0 | 351.4 | 320.6 | 283.4 |
| 100° | 349.8 | 385.4 | 421.0 | 442.7 | 462.5 | 470.4 | 462.5 | 442.7 | 421.0 | 385.4 | 349.8 |
| 102.5° | 403.6 | 450.2 | 488.9 | 512.3 | 528.9 | 536.8 | 528.9 | 512.3 | 488.9 | 450.2 | 403.6 |
| 105° | 492.1 | 541.5 | 583.0 | 612.7 | 630.4 | 636.4 | 630.4 | 612.7 | 583.0 | 541.5 | 492.1 |
| 107.5° | 580.6 | 631.6 | 670.0 | 702.8 | 724.5 | 737.2 | 724.5 | 702.8 | 670.0 | 631.6 | 580.6 |
| 110° | 650.2 | 691.7 | 733.2 | 762.9 | 784.6 | 792.5 | 784.6 | 762.9 | 733.2 | 691.7 | 650.2 |



TEST NUMBER: P1427791

CATALOG NUMBER: SQ2W-F-K-125U-125D-L840-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 220° | 230° | 240° | 250° | 260° | 270° | 280° | 290° | 300° | 310° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 708.7 | 754.9 | 796.5 | 826.1 | 851.0 | 862.1 | 851.0 | 826.1 | 796.5 | 754.9 | 708.7 |
| 115° | 790.5 | 851.8 | 889.3 | 917.0 | 934.8 | 944.7 | 934.8 | 917.0 | 889.3 | 851.8 | 790.5 |
| 117.5° | 858.5 | 922.5 | 963.6 | 985.0 | 993.3 | 1000.4 | 993.3 | 985.0 | 963.6 | 922.5 | 858.5 |
| 120° | 901.2 | 960.5 | 1007.9 | 1035.6 | 1045.5 | 1049.4 | 1045.5 | 1035.6 | 1007.9 | 960.5 | 901.2 |
| 122.5° | 940.7 | 996.8 | 1042.7 | 1076.7 | 1092.9 | 1096.9 | 1092.9 | 1076.7 | 1042.7 | 996.8 | 940.7 |
| 125° | 996.1 | 1049.4 | 1096.9 | 1130.4 | 1148.2 | 1158.1 | 1148.2 | 1130.4 | 1096.9 | 1049.4 | 996.1 |
| 127.5° | 1044.3 | 1102.0 | 1145.5 | 1175.9 | 1193.3 | 1201.2 | 1193.3 | 1175.9 | 1145.5 | 1102.0 | 1044.3 |
| 130° | 1071.2 | 1130.4 | 1173.9 | 1207.5 | 1223.3 | 1231.2 | 1223.3 | 1207.5 | 1173.9 | 1130.4 | 1071.2 |
| 132.5° | 1091.7 | 1154.2 | 1199.2 | 1229.7 | 1247.1 | 1255.0 | 1247.1 | 1229.7 | 1199.2 | 1154.2 | 1091.7 |
| 135° | 1116.6 | 1181.8 | 1229.3 | 1258.9 | 1274.7 | 1282.6 | 1274.7 | 1258.9 | 1229.3 | 1181.8 | 1116.6 |
| 137.5° | 1138.4 | 1197.6 | 1247.1 | 1278.3 | 1292.5 | 1297.6 | 1292.5 | 1278.3 | 1247.1 | 1197.6 | 1138.4 |
| 140° | 1154.2 | 1205.5 | 1255.0 | 1284.6 | 1300.4 | 1302.4 | 1300.4 | 1284.6 | 1255.0 | 1205.5 | 1154.2 |
| 142.5° | 1174.7 | 1215.0 | 1258.1 | 1287.8 | 1303.6 | 1307.1 | 1303.6 | 1287.8 | 1258.1 | 1215.0 | 1174.7 |
| 145° | 1211.5 | 1235.2 | 1264.8 | 1292.5 | 1306.3 | 1310.3 | 1306.3 | 1292.5 | 1264.8 | 1235.2 | 1211.5 |
| 147.5° | 1257.7 | 1265.2 | 1280.6 | 1298.8 | 1312.3 | 1315.0 | 1312.3 | 1298.8 | 1280.6 | 1265.2 | 1257.7 |
| 150° | 1292.5 | 1290.5 | 1296.5 | 1308.3 | 1320.2 | 1318.2 | 1320.2 | 1308.3 | 1296.5 | 1290.5 | 1292.5 |
| 152.5° | 1332.0 | 1320.6 | 1320.2 | 1325.7 | 1331.2 | 1330.8 | 1331.2 | 1325.7 | 1320.2 | 1320.6 | 1332.0 |
| 155° | 1399.2 | 1377.5 | 1365.6 | 1361.7 | 1361.7 | 1359.7 | 1361.7 | 1361.7 | 1365.6 | 1377.5 | 1399.2 |
| 157.5° | 1473.1 | 1442.7 | 1424.9 | 1415.4 | 1412.7 | 1408.3 | 1412.7 | 1415.4 | 1424.9 | 1442.7 | 1473.1 |
| 160° | 1523.7 | 1490.1 | 1472.3 | 1456.5 | 1450.6 | 1444.7 | 1450.6 | 1456.5 | 1472.3 | 1490.1 | 1523.7 |
| 162.5° | 1571.2 | 1539.1 | 1519.8 | 1505.6 | 1499.6 | 1490.5 | 1499.6 | 1505.6 | 1519.8 | 1539.1 | 1571.2 |
| 165° | 1648.2 | 1614.6 | 1592.9 | 1581.0 | 1573.1 | 1565.2 | 1573.1 | 1581.0 | 1592.9 | 1614.6 | 1648.2 |
| 167.5° | 1725.3 | 1688.6 | 1674.3 | 1660.9 | 1653.4 | 1639.1 | 1653.4 | 1660.9 | 1674.3 | 1688.6 | 1725.3 |
| 170° | 1772.7 | 1739.2 | 1731.2 | 1719.4 | 1705.6 | 1689.7 | 1705.6 | 1719.4 | 1731.2 | 1739.2 | 1772.7 |
| 172.5° | 1813.9 | 1791.3 | 1783.4 | 1771.6 | 1767.2 | 1754.6 | 1767.2 | 1771.6 | 1783.4 | 1791.3 | 1813.9 |
| 175° | 1873.5 | 1855.8 | 1855.8 | 1853.8 | 1847.8 | 1836.0 | 1847.8 | 1853.8 | 1855.8 | 1855.8 | 1873.5 |
| 177.5° | 1923.3 | 1913.9 | 1920.2 | 1920.2 | 1918.6 | 1907.5 | 1918.6 | 1920.2 | 1920.2 | 1913.9 | 1923.3 |
| 180° | 1956.5 | 1956.5 | 1956.5 | 1956.5 | 1956.5 | 1956.5 | 1956.5 | 1956.5 | 1956.5 | 1956.5 | 1956.5 |



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CATALOG NUMBER: SQ2W-F-K-125U-125D-L840-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 330° | 340° | 350° | 360° |
|--------|--------|--------|--------|--------|
| 0° | 2060.6 | 2060.6 | 2060.6 | 2060.6 |
| 2.5° | 2065.6 | 2069.7 | 2059.9 | 2050.1 |
| 5° | 2061.5 | 2066.1 | 2053.2 | 2040.3 |
| 7.5° | 2045.4 | 2049.5 | 2036.6 | 2023.7 |
| 10° | 2031.1 | 2035.6 | 2022.7 | 2009.8 |
| 12.5° | 2014.4 | 2018.2 | 2005.3 | 1992.4 |
| 15° | 1982.7 | 1986.2 | 1973.3 | 1960.4 |
| 17.5° | 1942.8 | 1946.1 | 1934.0 | 1921.8 |
| 20° | 1915.0 | 1918.4 | 1906.8 | 1895.1 |
| 22.5° | 1882.9 | 1885.9 | 1874.2 | 1862.6 |
| 25° | 1828.9 | 1831.3 | 1819.7 | 1808.1 |
| 27.5° | 1768.5 | 1770.5 | 1760.9 | 1751.2 |
| 30° | 1726.3 | 1728.7 | 1719.1 | 1709.4 |
| 32.5° | 1680.3 | 1683.6 | 1674.4 | 1665.3 |
| 35° | 1608.3 | 1611.7 | 1604.0 | 1596.2 |
| 37.5° | 1535.3 | 1538.7 | 1532.8 | 1526.9 |
| 40° | 1485.0 | 1488.7 | 1482.2 | 1475.8 |
| 42.5° | 1430.0 | 1433.3 | 1428.4 | 1423.5 |
| 45° | 1348.1 | 1351.3 | 1346.8 | 1342.3 |
| 47.5° | 1261.7 | 1264.2 | 1260.7 | 1257.2 |
| 50° | 1202.5 | 1204.7 | 1200.2 | 1195.7 |
| 52.5° | 1143.3 | 1145.4 | 1140.4 | 1135.3 |
| 55° | 1052.1 | 1053.5 | 1047.7 | 1041.9 |
| 57.5° | 956.7 | 957.8 | 952.1 | 946.4 |
| 60° | 892.4 | 894.0 | 888.9 | 883.7 |
| 62.5° | 828.2 | 830.2 | 825.0 | 819.9 |
| 65° | 729.9 | 731.7 | 727.2 | 722.6 |
| 67.5° | 630.5 | 632.3 | 628.4 | 624.6 |
| 70° | 563.5 | 565.0 | 561.1 | 557.2 |
| 72.5° | 497.0 | 498.9 | 495.6 | 492.2 |
| 75° | 396.2 | 397.1 | 395.2 | 393.2 |
| 77.5° | 295.9 | 297.8 | 297.8 | 297.8 |
| 80° | 233.6 | 235.1 | 235.1 | 235.1 |
| 82.5° | 173.3 | 175.0 | 176.0 | 177.0 |
| 85° | 90.0 | 91.7 | 93.0 | 94.3 |
| 87.5° | 32.7 | 31.3 | 30.8 | 30.2 |
| 90° | 35.6 | 21.7 | 13.8 | 5.9 |
| 92.5° | 76.7 | 53.4 | 37.5 | 21.7 |
| 95° | 154.2 | 122.5 | 87.0 | 61.3 |
| 97.5° | 245.5 | 194.5 | 159.3 | 117.0 |
| 100° | 294.5 | 245.1 | 211.5 | 166.0 |
| 102.5° | 348.2 | 306.7 | 260.5 | 215.0 |
| 105° | 444.7 | 393.3 | 339.9 | 288.5 |
| 107.5° | 534.0 | 477.5 | 413.4 | 367.2 |
| 110° | 590.9 | 529.7 | 462.5 | 421.0 |



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CATALOG NUMBER: SQ2W-F-K-125U-125D-L840-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 330° | 340° | 350° | 360° |
|--------|--------|--------|--------|--------|
| 112.5° | 646.3 | 583.4 | 514.6 | 473.1 |
| 115° | 721.4 | 652.2 | 588.9 | 553.4 |
| 117.5° | 793.7 | 722.5 | 655.7 | 627.7 |
| 120° | 838.0 | 766.8 | 701.6 | 679.8 |
| 122.5° | 874.3 | 804.8 | 744.3 | 735.2 |
| 125° | 928.9 | 857.7 | 806.3 | 818.2 |
| 127.5° | 973.1 | 907.9 | 875.5 | 902.0 |
| 130° | 1000.0 | 942.7 | 922.9 | 960.5 |
| 132.5° | 1023.7 | 979.1 | 970.4 | 1022.1 |
| 135° | 1059.3 | 1033.6 | 1041.5 | 1112.7 |
| 137.5° | 1101.6 | 1091.7 | 1118.2 | 1207.9 |
| 140° | 1128.5 | 1134.4 | 1172.0 | 1272.7 |
| 142.5° | 1164.8 | 1178.7 | 1227.3 | 1334.4 |
| 145° | 1221.4 | 1251.0 | 1314.2 | 1421.0 |
| 147.5° | 1285.4 | 1323.7 | 1402.0 | 1511.5 |
| 150° | 1328.1 | 1377.5 | 1460.5 | 1565.2 |
| 152.5° | 1377.1 | 1428.1 | 1511.1 | 1617.4 |
| 155° | 1452.6 | 1509.9 | 1596.9 | 1687.8 |
| 157.5° | 1529.7 | 1588.2 | 1671.2 | 1750.6 |
| 160° | 1577.1 | 1640.3 | 1715.4 | 1788.6 |
| 162.5° | 1630.8 | 1689.3 | 1755.0 | 1820.2 |
| 165° | 1709.5 | 1756.9 | 1810.3 | 1865.6 |
| 167.5° | 1775.5 | 1815.0 | 1856.9 | 1900.0 |
| 170° | 1818.2 | 1849.8 | 1885.4 | 1919.0 |
| 172.5° | 1854.6 | 1879.9 | 1906.0 | 1934.8 |
| 175° | 1903.2 | 1917.0 | 1932.8 | 1950.6 |
| 177.5° | 1940.7 | 1945.5 | 1950.2 | 1958.1 |
| 180° | 1956.5 | 1956.5 | 1956.5 | 1956.5 |



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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 | 20.08 | 20.95 | 21.03 | 21.92 | 23.19 | 19.99 | 20.87 | 20.94 | 21.84 | 23.10 |
| | 3H | 21.87 | 22.65 | 22.83 | 23.63 | 24.92 | 21.76 | 22.55 | 22.73 | 23.53 | 24.82 |
| | 4H | 22.56 | 23.31 | 23.54 | 24.29 | 25.59 | 22.45 | 23.19 | 23.42 | 24.18 | 25.47 |
| | 6H | 23.00 | 23.69 | 23.99 | 24.68 | 25.98 | 22.86 | 23.55 | 23.85 | 24.53 | 25.84 |
| | 8H | 23.16 | 23.82 | 24.16 | 24.82 | 26.13 | 23.01 | 23.66 | 24.00 | 24.66 | 25.97 |
| | 12H | 23.25 | 23.87 | 24.25 | 24.87 | 26.20 | 23.07 | 23.69 | 24.07 | 24.69 | 26.02 |
| 4H | 2H | 20.66 | 21.40 | 21.64 | 22.38 | 23.68 | 20.59 | 21.34 | 21.57 | 22.32 | 23.61 |
| | 3H | 22.68 | 23.30 | 23.67 | 24.31 | 25.62 | 22.59 | 23.21 | 23.58 | 24.22 | 25.53 |
| | 4H | 23.49 | 24.06 | 24.50 | 25.07 | 26.40 | 23.38 | 23.95 | 24.38 | 24.96 | 26.29 |
| | 6H | 24.05 | 24.54 | 25.06 | 25.57 | 26.90 | 23.91 | 24.40 | 24.92 | 25.43 | 26.76 |
| | 8H | 24.26 | 24.72 | 25.28 | 25.74 | 27.09 | 24.10 | 24.56 | 25.12 | 25.58 | 26.93 |
| | 12H | 24.38 | 24.79 | 25.41 | 25.83 | 27.18 | 24.19 | 24.61 | 25.22 | 25.64 | 26.99 |
| 8H | 4H | 23.74 | 24.20 | 24.75 | 25.22 | 26.57 | 23.64 | 24.10 | 24.66 | 25.12 | 26.47 |
| | 6H | 24.43 | 24.81 | 25.47 | 25.87 | 27.22 | 24.30 | 24.68 | 25.34 | 25.74 | 27.08 |
| | 8H | 24.74 | 25.07 | 25.78 | 26.12 | 27.48 | 24.58 | 24.91 | 25.63 | 25.96 | 27.32 |
| | 12H | 24.92 | 25.21 | 25.97 | 26.26 | 27.66 | 24.73 | 25.02 | 25.78 | 26.07 | 27.47 |
| 12H | 4H | 23.74 | 24.15 | 24.77 | 25.19 | 26.54 | 23.64 | 24.06 | 24.67 | 25.09 | 26.44 |
| | 6H | 24.48 | 24.82 | 25.53 | 25.86 | 27.23 | 24.36 | 24.69 | 25.40 | 25.74 | 27.10 |
| | 8H | 24.82 | 25.11 | 25.87 | 26.15 | 27.56 | 24.66 | 24.96 | 25.71 | 26.00 | 27.41 |