

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: P1435855

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

Issue Date: 3/24/2026

Test Information

Test Method: LM-79-2019
Report Number: P1435855
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-125U-125D-L840-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 1250 LUMENS PER FOOT
Light Source: 4000K CCT, 80 CRI LEDS
Ballast/Driver: -

Summary

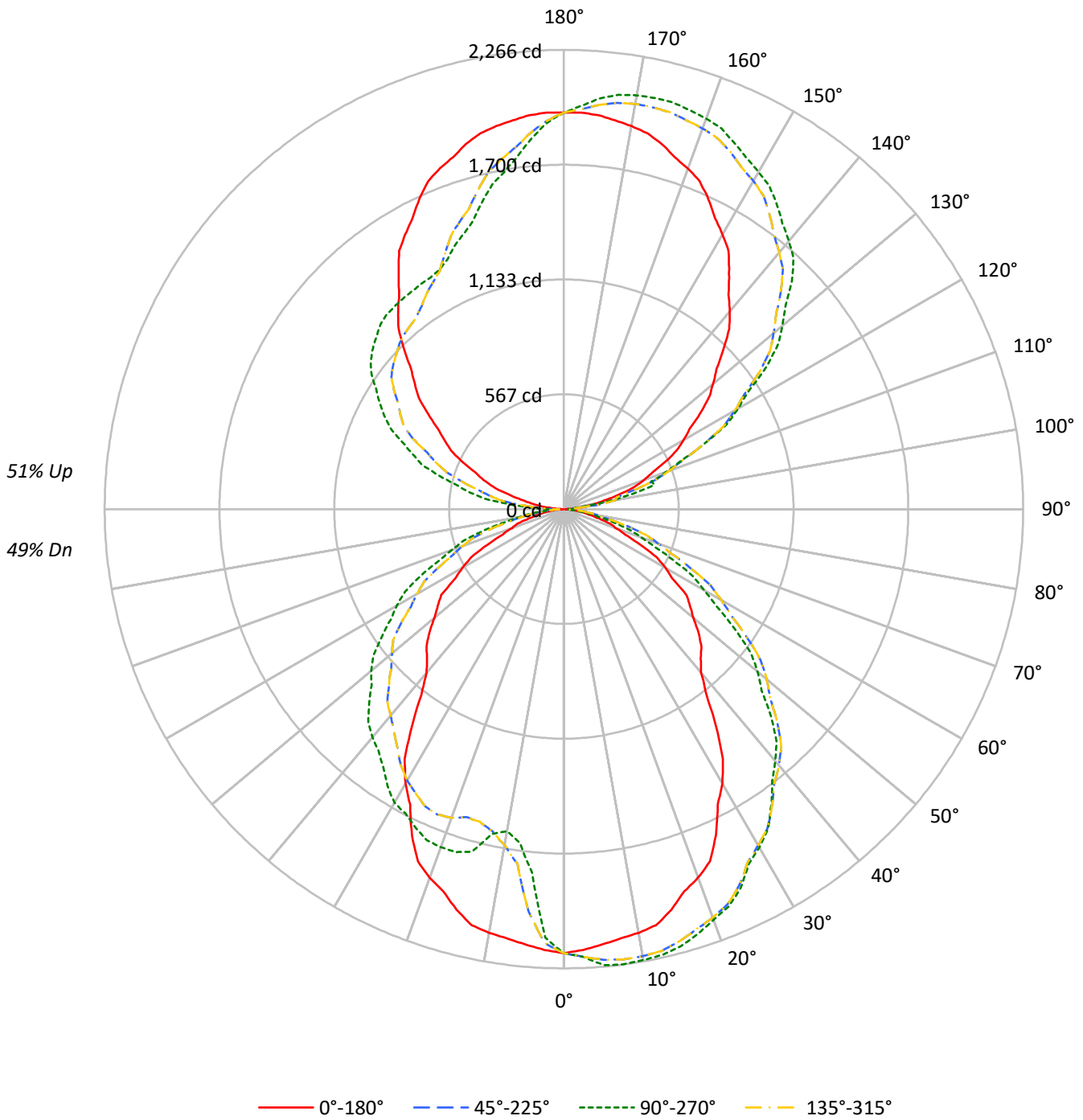
Lumens per Lamp: N/A
Luminaire Lumens: 11161.7 lumens
Efficiency: N/A
Efficacy: 119.8 lumens/watt
Spacing Criteria (0/90/45): 1.08 / 1.23 / 1.34
Luminous Opening: Rectangular (W 0.17' x L: 4' x H: 0')
CIE Type: General Diffuse

Input Watts (W): 93.2
Input Voltage (V): 120
Input Current (A_{in}): 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: P1435855

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

Luminous Intensity Polar Plot





TEST NUMBER: P1435855

CATALOG NUMBER: SQ2W-FA-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 | 50 | 30 | 10 | 0 | |
| RCR | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 107 | 107 | 107 | 107 | 98 | 98 | 98 | 98 | 83 | 83 | 83 | 68 | 68 | 68 | 55 | 55 | 55 | 49 | | | | 49 |
| 1 | 98 | 93 | 90 | 86 | 90 | 86 | 83 | 80 | 73 | 70 | 68 | 60 | 59 | 57 | 49 | 48 | 47 | | | | 41 | |
| 2 | 89 | 82 | 75 | 70 | 82 | 75 | 70 | 66 | 64 | 60 | 56 | 53 | 50 | 48 | 43 | 41 | 39 | | | | 35 | |
| 3 | 81 | 72 | 64 | 59 | 74 | 66 | 60 | 55 | 56 | 51 | 47 | 47 | 43 | 40 | 38 | 36 | 34 | | | | 29 | |
| 4 | 74 | 63 | 56 | 50 | 68 | 59 | 52 | 46 | 50 | 45 | 40 | 42 | 38 | 35 | 34 | 31 | 29 | | | | 25 | |
| 5 | 68 | 56 | 48 | 42 | 62 | 52 | 45 | 40 | 45 | 39 | 35 | 37 | 33 | 30 | 31 | 28 | 25 | | | | 22 | |
| 6 | 63 | 51 | 43 | 37 | 58 | 47 | 40 | 35 | 40 | 35 | 30 | 34 | 29 | 26 | 28 | 25 | 22 | | | | 19 | |
| 7 | 58 | 46 | 38 | 32 | 53 | 42 | 35 | 30 | 36 | 31 | 27 | 31 | 26 | 23 | 25 | 22 | 20 | | | | 17 | |
| 8 | 54 | 41 | 34 | 28 | 49 | 39 | 32 | 27 | 33 | 28 | 24 | 28 | 24 | 21 | 23 | 20 | 18 | | | | 15 | |
| 9 | 50 | 38 | 30 | 25 | 46 | 35 | 29 | 24 | 30 | 25 | 21 | 26 | 22 | 19 | 21 | 18 | 16 | | | | 14 | |
| 10 | 47 | 35 | 27 | 23 | 43 | 32 | 26 | 21 | 28 | 23 | 19 | 24 | 20 | 17 | 20 | 17 | 14 | | | | 12 | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 35372 | 35372 | 35372 | 35372 |
| 5° | 34957 | 36609 | 34957 | 29176 |
| 10° | 34804 | 37032 | 34804 | 26451 |
| 15° | 34207 | 37330 | 34207 | 29240 |
| 20° | 33266 | 37059 | 33266 | 30494 |
| 25° | 31617 | 36761 | 31617 | 30860 |
| 30° | 29130 | 35937 | 29130 | 31188 |
| 35° | 25775 | 35147 | 25775 | 30629 |
| 40° | 22194 | 34184 | 22194 | 30964 |
| 45° | 21911 | 32962 | 21911 | 31024 |
| 50° | 20903 | 31355 | 20903 | 31141 |
| 55° | 20796 | 28923 | 20796 | 30834 |
| 60° | 18645 | 25775 | 18645 | 30712 |
| 65° | 15897 | 22708 | 15897 | 29845 |
| 70° | 12826 | 19241 | 12826 | 27658 |
| 75° | 11123 | 15889 | 11123 | 25427 |
| 80° | 9475 | 11845 | 9475 | 20530 |
| 85° | 6298 | 6298 | 6298 | 12578 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 40°
 Vertical Angle: 45°
 Luminance: 33996 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 197.1 | 1.8 |
| 10°-20° | 550.8 | 4.9 |
| 20°-30° | 836.5 | 7.5 |
| 30°-40° | 982.1 | 8.8 |
| 40°-50° | 996.6 | 8.9 |
| 50°-60° | 872.9 | 7.8 |
| 60°-70° | 619.2 | 5.5 |
| 70°-80° | 318.8 | 2.9 |
| 80°-90° | 74.9 | 0.7 |
| 90°-100° | 155.7 | 1.4 |
| 100°-110° | 454.1 | 4.1 |
| 110°-120° | 741.1 | 6.6 |
| 120°-130° | 940.4 | 8.4 |
| 130°-140° | 1006.2 | 9.0 |
| 140°-150° | 939.6 | 8.4 |
| 150°-160° | 773.1 | 6.9 |
| 160°-170° | 518.5 | 4.6 |
| 170°-180° | 184.1 | 1.6 |
| 0°-30° | 1584.4 | 14.2 |
| 0°-40° | 2566.5 | 23.0 |
| 0°-60° | 4436.0 | 39.7 |
| 0°-90° | 5448.9 | 48.8 |
| 90°-120° | 1350.9 | 12.1 |
| 90°-150° | 4237.0 | 38.0 |
| 90°-180° | 5713.0 | 51.2 |
| 0°-180° | 11161.7 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 2191 | 2191 | 2191 | 2191 | 2191 | |
| 5° | 2157 | 2259 | 2157 | 1800 | 2157 | 205 |
| 15° | 2046 | 2233 | 2046 | 1749 | 2046 | 575 |
| 25° | 1775 | 2064 | 1775 | 1732 | 1775 | 810 |
| 35° | 1308 | 1783 | 1308 | 1554 | 1308 | 815 |
| 45° | 960 | 1444 | 960 | 1359 | 960 | 734 |
| 55° | 739 | 1028 | 739 | 1095 | 739 | 639 |
| 65° | 416 | 594 | 416 | 781 | 416 | 416 |
| 75° | 178 | 255 | 178 | 408 | 178 | 193 |
| 85° | 34 | 34 | 34 | 68 | 34 | 43 |
| 90° | 6 | 44 | 6 | 85 | 6 | 6 |
| 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 | |



TEST NUMBER: P1435855

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

CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 30° | 40° | 50° | 60° | 70° | 80° | 90° | 100° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2190.8 | 2190.8 | 2190.8 | 2190.8 | 2190.8 | 2190.8 | 2190.8 | 2190.8 | 2190.8 | 2190.8 | 2190.8 |
| 2.5° | 2177.3 | 2192.4 | 2207.5 | 2211.2 | 2211.2 | 2211.2 | 2211.2 | 2211.2 | 2211.2 | 2211.2 | 2211.2 |
| 5° | 2156.9 | 2183.3 | 2209.7 | 2222.0 | 2229.5 | 2235.2 | 2239.0 | 2243.7 | 2251.2 | 2258.8 | 2251.2 |
| 7.5° | 2136.5 | 2172.0 | 2207.5 | 2224.8 | 2236.1 | 2245.2 | 2252.0 | 2258.0 | 2261.8 | 2265.6 | 2261.8 |
| 10° | 2122.9 | 2164.4 | 2205.9 | 2224.8 | 2236.1 | 2243.7 | 2247.5 | 2251.2 | 2255.0 | 2258.8 | 2255.0 |
| 12.5° | 2102.5 | 2147.1 | 2191.6 | 2213.5 | 2227.8 | 2236.9 | 2240.7 | 2244.4 | 2248.2 | 2252.0 | 2248.2 |
| 15° | 2046.5 | 2106.9 | 2167.3 | 2190.8 | 2202.2 | 2211.6 | 2219.2 | 2225.8 | 2229.5 | 2233.3 | 2229.5 |
| 17.5° | 1976.9 | 2050.1 | 2123.3 | 2152.9 | 2168.0 | 2179.0 | 2185.8 | 2191.6 | 2194.6 | 2197.6 | 2194.6 |
| 20° | 1936.1 | 2015.4 | 2094.6 | 2125.7 | 2140.8 | 2150.3 | 2154.0 | 2156.9 | 2156.9 | 2156.9 | 2156.9 |
| 22.5° | 1881.7 | 1970.1 | 2058.4 | 2091.8 | 2106.9 | 2114.8 | 2115.6 | 2116.9 | 2119.9 | 2122.9 | 2119.9 |
| 25° | 1774.8 | 1876.7 | 1978.6 | 2021.0 | 2043.7 | 2053.1 | 2049.3 | 2048.4 | 2055.9 | 2063.5 | 2055.9 |
| 27.5° | 1644.0 | 1772.3 | 1900.6 | 1944.0 | 1959.1 | 1968.6 | 1972.3 | 1975.2 | 1975.2 | 1975.2 | 1975.2 |
| 30° | 1562.5 | 1705.9 | 1849.3 | 1896.5 | 1911.6 | 1921.0 | 1924.8 | 1927.6 | 1927.6 | 1927.6 | 1927.6 |
| 32.5° | 1460.6 | 1631.2 | 1801.7 | 1853.4 | 1865.5 | 1871.9 | 1872.7 | 1873.3 | 1873.3 | 1873.3 | 1873.3 |
| 35° | 1307.7 | 1515.3 | 1722.9 | 1780.4 | 1788.0 | 1791.7 | 1791.7 | 1790.8 | 1787.0 | 1783.2 | 1787.0 |
| 37.5° | 1154.9 | 1390.4 | 1625.9 | 1693.2 | 1704.6 | 1707.6 | 1702.3 | 1697.4 | 1693.6 | 1689.8 | 1693.6 |
| 40° | 1053.0 | 1309.6 | 1566.2 | 1638.9 | 1650.2 | 1650.2 | 1638.9 | 1629.5 | 1625.7 | 1621.9 | 1625.7 |
| 42.5° | 998.6 | 1252.2 | 1505.9 | 1577.7 | 1589.1 | 1587.6 | 1573.2 | 1561.5 | 1557.7 | 1554.0 | 1557.7 |
| 45° | 959.6 | 1186.0 | 1412.4 | 1477.5 | 1488.9 | 1487.0 | 1471.9 | 1458.7 | 1451.1 | 1443.6 | 1451.1 |
| 47.5° | 900.1 | 1099.4 | 1298.7 | 1362.6 | 1381.5 | 1379.6 | 1357.0 | 1338.1 | 1330.5 | 1323.0 | 1330.5 |
| 50° | 832.2 | 1028.4 | 1224.7 | 1287.9 | 1306.8 | 1304.9 | 1282.2 | 1263.4 | 1255.8 | 1248.3 | 1255.8 |
| 52.5° | 784.6 | 968.8 | 1153.0 | 1210.9 | 1226.8 | 1221.9 | 1196.2 | 1175.1 | 1167.5 | 1160.0 | 1167.5 |
| 55° | 738.8 | 893.5 | 1048.2 | 1095.4 | 1106.7 | 1099.2 | 1072.8 | 1050.1 | 1038.8 | 1027.5 | 1038.8 |
| 57.5° | 631.8 | 779.0 | 926.2 | 972.0 | 984.1 | 975.0 | 944.8 | 919.0 | 906.2 | 893.3 | 906.2 |
| 60° | 577.4 | 709.5 | 841.6 | 886.0 | 901.1 | 893.5 | 863.3 | 836.0 | 817.1 | 798.2 | 817.1 |
| 62.5° | 516.3 | 633.3 | 750.3 | 795.4 | 816.5 | 812.0 | 781.8 | 754.4 | 735.6 | 716.7 | 735.6 |
| 65° | 416.1 | 518.0 | 619.9 | 665.2 | 691.6 | 689.7 | 659.5 | 632.2 | 613.3 | 594.4 | 613.3 |
| 67.5° | 326.1 | 413.6 | 501.2 | 545.7 | 575.9 | 574.4 | 541.2 | 512.5 | 497.4 | 482.3 | 497.4 |
| 70° | 271.7 | 347.2 | 422.7 | 464.2 | 494.4 | 494.4 | 464.2 | 437.8 | 422.7 | 407.6 | 422.7 |
| 72.5° | 237.8 | 295.1 | 352.5 | 391.7 | 425.0 | 425.0 | 391.7 | 363.8 | 351.7 | 339.7 | 351.7 |
| 75° | 178.3 | 212.3 | 246.3 | 283.1 | 320.8 | 324.6 | 294.4 | 269.8 | 262.3 | 254.7 | 262.3 |
| 77.5° | 129.1 | 144.9 | 160.8 | 189.6 | 222.9 | 226.6 | 201.0 | 181.0 | 177.9 | 174.9 | 177.9 |
| 80° | 101.9 | 105.7 | 109.4 | 133.0 | 163.2 | 167.0 | 144.4 | 127.4 | 127.4 | 127.4 | 127.4 |
| 82.5° | 67.9 | 71.7 | 75.5 | 92.3 | 113.4 | 115.7 | 99.1 | 85.9 | 82.8 | 79.8 | 82.8 |
| 85° | 34.0 | 34.0 | 34.0 | 39.6 | 47.2 | 47.2 | 39.6 | 34.0 | 34.0 | 34.0 | 34.0 |
| 87.5° | 8.0 | 9.6 | 11.5 | 15.4 | 19.6 | 20.0 | 17.0 | 15.1 | 15.5 | 15.5 | 15.5 |
| 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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CATALOG NUMBER: SQ2W-FA-K-125U-125D-L840-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 110° | 120° | 130° | 140° | 150° | 160° | 170° | 180° | 190° | 200° | 210° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2190.8 | 2190.8 | 2190.8 | 2190.8 | 2190.8 | 2190.8 | 2190.8 | 2190.8 | 2190.8 | 2190.8 | 2190.8 |
| 2.5° | 2211.2 | 2211.2 | 2211.2 | 2211.2 | 2211.2 | 2207.5 | 2192.4 | 2177.3 | 2177.3 | 2177.3 | 2165.9 |
| 5° | 2243.7 | 2239.0 | 2235.2 | 2229.5 | 2222.0 | 2209.7 | 2183.3 | 2156.9 | 2145.6 | 2134.2 | 2086.1 |
| 7.5° | 2258.0 | 2252.0 | 2245.2 | 2236.1 | 2224.8 | 2207.5 | 2172.0 | 2136.5 | 2085.9 | 2035.4 | 1928.2 |
| 10° | 2251.2 | 2247.5 | 2243.7 | 2236.1 | 2224.8 | 2205.9 | 2164.4 | 2122.9 | 2021.0 | 1919.1 | 1817.2 |
| 12.5° | 2244.4 | 2240.7 | 2236.9 | 2227.8 | 2213.5 | 2191.6 | 2147.1 | 2102.5 | 1958.4 | 1814.2 | 1722.1 |
| 15° | 2225.8 | 2219.2 | 2211.6 | 2202.2 | 2190.8 | 2167.3 | 2106.9 | 2046.5 | 1884.2 | 1721.9 | 1644.5 |
| 17.5° | 2191.6 | 2185.8 | 2179.0 | 2168.0 | 2152.9 | 2123.3 | 2050.1 | 1976.9 | 1807.0 | 1637.2 | 1587.4 |
| 20° | 2156.9 | 2154.0 | 2150.3 | 2140.8 | 2125.7 | 2094.6 | 2015.4 | 1936.1 | 1766.3 | 1596.4 | 1573.8 |
| 22.5° | 2116.9 | 2115.6 | 2114.8 | 2106.9 | 2091.8 | 2058.4 | 1970.1 | 1881.7 | 1714.9 | 1548.1 | 1548.9 |
| 25° | 2048.4 | 2049.3 | 2053.1 | 2043.7 | 2021.0 | 1978.6 | 1876.7 | 1774.8 | 1627.6 | 1480.4 | 1505.9 |
| 27.5° | 1975.2 | 1972.3 | 1968.6 | 1959.1 | 1944.0 | 1900.6 | 1772.3 | 1644.0 | 1527.7 | 1411.5 | 1453.8 |
| 30° | 1927.6 | 1924.8 | 1921.0 | 1911.6 | 1896.5 | 1849.3 | 1705.9 | 1562.5 | 1464.3 | 1366.2 | 1415.3 |
| 32.5° | 1873.3 | 1872.7 | 1871.9 | 1865.5 | 1853.4 | 1801.7 | 1631.2 | 1460.6 | 1389.6 | 1318.7 | 1370.0 |
| 35° | 1790.8 | 1791.7 | 1791.7 | 1788.0 | 1780.4 | 1722.9 | 1515.3 | 1307.7 | 1277.5 | 1247.3 | 1307.7 |
| 37.5° | 1697.4 | 1702.3 | 1707.6 | 1704.6 | 1693.2 | 1625.9 | 1390.4 | 1154.9 | 1164.7 | 1174.5 | 1247.7 |
| 40° | 1629.5 | 1638.9 | 1650.2 | 1650.2 | 1638.9 | 1566.2 | 1309.6 | 1053.0 | 1086.9 | 1120.9 | 1200.2 |
| 42.5° | 1561.5 | 1573.2 | 1587.6 | 1589.1 | 1577.7 | 1505.9 | 1252.2 | 998.6 | 1035.6 | 1072.6 | 1154.9 |
| 45° | 1458.7 | 1471.9 | 1487.0 | 1488.9 | 1477.5 | 1412.4 | 1186.0 | 959.6 | 982.2 | 1004.8 | 1084.1 |
| 47.5° | 1338.1 | 1357.0 | 1379.6 | 1381.5 | 1362.6 | 1298.7 | 1099.4 | 900.1 | 916.7 | 933.3 | 1014.5 |
| 50° | 1263.4 | 1282.2 | 1304.9 | 1306.8 | 1287.9 | 1224.7 | 1028.4 | 832.2 | 854.8 | 877.5 | 962.4 |
| 52.5° | 1175.1 | 1196.2 | 1221.9 | 1226.8 | 1210.9 | 1153.0 | 968.8 | 784.6 | 798.2 | 811.8 | 903.5 |
| 55° | 1050.1 | 1072.8 | 1099.2 | 1106.7 | 1095.4 | 1048.2 | 893.5 | 738.8 | 727.5 | 716.1 | 809.5 |
| 57.5° | 919.0 | 944.8 | 975.0 | 984.1 | 972.0 | 926.2 | 779.0 | 631.8 | 622.0 | 612.2 | 713.3 |
| 60° | 836.0 | 863.3 | 893.5 | 901.1 | 886.0 | 841.6 | 709.5 | 577.4 | 558.6 | 539.7 | 645.4 |
| 62.5° | 754.4 | 781.8 | 812.0 | 816.5 | 795.4 | 750.3 | 633.3 | 516.3 | 503.5 | 490.6 | 593.3 |
| 65° | 632.2 | 659.5 | 689.7 | 691.6 | 665.2 | 619.9 | 518.0 | 416.1 | 423.6 | 431.2 | 523.7 |
| 67.5° | 512.5 | 541.2 | 574.4 | 575.9 | 545.7 | 501.2 | 413.6 | 326.1 | 351.0 | 375.9 | 459.1 |
| 70° | 437.8 | 464.2 | 494.4 | 494.4 | 464.2 | 422.7 | 347.2 | 271.7 | 305.7 | 339.7 | 416.1 |
| 72.5° | 363.8 | 391.7 | 425.0 | 425.0 | 391.7 | 352.5 | 295.1 | 237.8 | 271.7 | 305.7 | 368.5 |
| 75° | 269.8 | 294.4 | 324.6 | 320.8 | 283.1 | 246.3 | 212.3 | 178.3 | 212.3 | 246.3 | 294.4 |
| 77.5° | 181.0 | 201.0 | 226.6 | 222.9 | 189.6 | 160.8 | 144.9 | 129.1 | 157.0 | 184.9 | 218.5 |
| 80° | 127.4 | 144.4 | 167.0 | 163.2 | 133.0 | 109.4 | 105.7 | 101.9 | 120.8 | 139.6 | 164.2 |
| 82.5° | 85.9 | 99.1 | 115.7 | 113.4 | 92.3 | 75.5 | 71.7 | 67.9 | 83.8 | 99.6 | 116.6 |
| 85° | 34.0 | 39.6 | 47.2 | 47.2 | 39.6 | 34.0 | 34.0 | 34.0 | 41.5 | 49.1 | 56.6 |
| 87.5° | 15.1 | 17.0 | 20.0 | 19.6 | 15.4 | 11.5 | 9.6 | 8.0 | 12.6 | 17.2 | 20.7 |
| 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 |



TEST NUMBER: P1435855

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

CANDELA DISTRIBUTION (continued):

| | 220° | 230° | 240° | 250° | 260° | 270° | 280° | 290° | 300° | 310° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2190.8 | 2190.8 | 2190.8 | 2190.8 | 2190.8 | 2190.8 | 2190.8 | 2190.8 | 2190.8 | 2190.8 | 2190.8 |
| 2.5° | 2150.8 | 2138.8 | 2129.7 | 2122.2 | 2119.1 | 2116.1 | 2119.1 | 2122.2 | 2129.7 | 2138.8 | 2150.8 |
| 5° | 2025.7 | 1961.6 | 1893.6 | 1838.0 | 1819.1 | 1800.2 | 1819.1 | 1838.0 | 1893.6 | 1961.6 | 2025.7 |
| 7.5° | 1802.1 | 1724.7 | 1696.1 | 1673.0 | 1667.0 | 1661.0 | 1667.0 | 1673.0 | 1696.1 | 1724.7 | 1802.1 |
| 10° | 1715.3 | 1653.0 | 1630.4 | 1613.4 | 1613.4 | 1613.4 | 1613.4 | 1613.4 | 1630.4 | 1653.0 | 1715.3 |
| 12.5° | 1647.4 | 1609.3 | 1607.8 | 1610.4 | 1625.5 | 1640.6 | 1625.5 | 1610.4 | 1607.8 | 1609.3 | 1647.4 |
| 15° | 1595.5 | 1601.1 | 1661.5 | 1711.5 | 1730.4 | 1749.3 | 1730.4 | 1711.5 | 1661.5 | 1601.1 | 1595.5 |
| 17.5° | 1577.6 | 1610.0 | 1684.7 | 1744.6 | 1759.7 | 1774.8 | 1759.7 | 1744.6 | 1684.7 | 1610.0 | 1577.6 |
| 20° | 1600.2 | 1641.7 | 1698.3 | 1744.6 | 1759.7 | 1774.8 | 1759.7 | 1744.6 | 1698.3 | 1641.7 | 1600.2 |
| 22.5° | 1605.5 | 1656.1 | 1700.6 | 1737.8 | 1752.9 | 1768.0 | 1752.9 | 1737.8 | 1700.6 | 1656.1 | 1605.5 |
| 25° | 1588.9 | 1649.3 | 1687.0 | 1717.2 | 1724.7 | 1732.3 | 1724.7 | 1717.2 | 1687.0 | 1649.3 | 1588.9 |
| 27.5° | 1548.9 | 1615.3 | 1653.0 | 1682.7 | 1688.0 | 1693.2 | 1688.0 | 1682.7 | 1653.0 | 1615.3 | 1548.9 |
| 30° | 1513.4 | 1581.3 | 1619.1 | 1650.2 | 1661.5 | 1672.9 | 1661.5 | 1650.2 | 1619.1 | 1581.3 | 1513.4 |
| 32.5° | 1462.1 | 1531.5 | 1578.3 | 1614.0 | 1616.2 | 1618.5 | 1616.2 | 1614.0 | 1578.3 | 1531.5 | 1462.1 |
| 35° | 1398.3 | 1470.0 | 1522.8 | 1561.5 | 1557.7 | 1554.0 | 1557.7 | 1561.5 | 1522.8 | 1470.0 | 1398.3 |
| 37.5° | 1342.1 | 1412.3 | 1458.3 | 1494.0 | 1498.5 | 1503.0 | 1498.5 | 1494.0 | 1458.3 | 1412.3 | 1342.1 |
| 40° | 1294.5 | 1366.2 | 1415.3 | 1454.0 | 1461.5 | 1469.1 | 1461.5 | 1454.0 | 1415.3 | 1366.2 | 1294.5 |
| 42.5° | 1252.2 | 1325.5 | 1374.5 | 1413.2 | 1420.7 | 1428.3 | 1420.7 | 1413.2 | 1374.5 | 1325.5 | 1252.2 |
| 45° | 1182.2 | 1257.7 | 1310.5 | 1351.1 | 1354.9 | 1358.7 | 1354.9 | 1351.1 | 1310.5 | 1257.7 | 1182.2 |
| 47.5° | 1117.1 | 1193.0 | 1242.0 | 1279.8 | 1283.6 | 1287.3 | 1283.6 | 1279.8 | 1242.0 | 1193.0 | 1117.1 |
| 50° | 1068.1 | 1145.4 | 1194.5 | 1232.2 | 1236.0 | 1239.8 | 1236.0 | 1232.2 | 1194.5 | 1145.4 | 1068.1 |
| 52.5° | 1021.3 | 1101.6 | 1144.7 | 1177.9 | 1181.7 | 1185.4 | 1181.7 | 1177.9 | 1144.7 | 1101.6 | 1021.3 |
| 55° | 937.9 | 1022.8 | 1064.3 | 1095.4 | 1095.4 | 1095.4 | 1095.4 | 1095.4 | 1064.3 | 1022.8 | 937.9 |
| 57.5° | 851.4 | 938.6 | 974.8 | 1003.1 | 1007.7 | 1012.2 | 1007.7 | 1003.1 | 974.8 | 938.6 | 851.4 |
| 60° | 792.6 | 881.2 | 911.4 | 936.0 | 943.5 | 951.1 | 943.5 | 936.0 | 911.4 | 881.2 | 792.6 |
| 62.5° | 734.4 | 820.1 | 850.3 | 874.1 | 878.6 | 883.1 | 878.6 | 874.1 | 850.3 | 820.1 | 734.4 |
| 65° | 644.4 | 719.9 | 750.1 | 773.7 | 777.5 | 781.2 | 777.5 | 773.7 | 750.1 | 719.9 | 644.4 |
| 67.5° | 561.8 | 623.7 | 644.8 | 661.4 | 664.4 | 667.4 | 664.4 | 661.4 | 644.8 | 623.7 | 561.8 |
| 70° | 506.7 | 559.5 | 574.6 | 585.9 | 585.9 | 585.9 | 585.9 | 585.9 | 574.6 | 559.5 | 506.7 |
| 72.5° | 441.0 | 484.8 | 499.9 | 512.0 | 515.0 | 518.0 | 515.0 | 512.0 | 499.9 | 484.8 | 441.0 |
| 75° | 347.2 | 379.3 | 390.6 | 400.1 | 403.8 | 407.6 | 403.8 | 400.1 | 390.6 | 379.3 | 347.2 |
| 77.5° | 254.0 | 275.1 | 281.9 | 288.0 | 291.7 | 295.5 | 291.7 | 288.0 | 281.9 | 275.1 | 254.0 |
| 80° | 190.6 | 205.7 | 209.5 | 213.2 | 217.0 | 220.8 | 217.0 | 213.2 | 209.5 | 205.7 | 190.6 |
| 82.5° | 134.0 | 144.5 | 148.3 | 151.3 | 152.1 | 152.8 | 152.1 | 151.3 | 148.3 | 144.5 | 134.0 |
| 85° | 64.2 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 64.2 |
| 87.5° | 22.7 | 25.4 | 28.2 | 29.8 | 31.4 | 30.6 | 31.4 | 29.8 | 28.2 | 25.4 | 22.7 |
| 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: P1435855

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

CANDELA DISTRIBUTION (continued):

| | 330° | 340° | 350° | 360° |
|--------|--------|--------|--------|--------|
| 0° | 2190.8 | 2190.8 | 2190.8 | 2190.8 |
| 2.5° | 2165.9 | 2177.3 | 2177.3 | 2177.3 |
| 5° | 2086.1 | 2134.2 | 2145.6 | 2156.9 |
| 7.5° | 1928.2 | 2035.4 | 2085.9 | 2136.5 |
| 10° | 1817.2 | 1919.1 | 2021.0 | 2122.9 |
| 12.5° | 1722.1 | 1814.2 | 1958.4 | 2102.5 |
| 15° | 1644.5 | 1721.9 | 1884.2 | 2046.5 |
| 17.5° | 1587.4 | 1637.2 | 1807.0 | 1976.9 |
| 20° | 1573.8 | 1596.4 | 1766.3 | 1936.1 |
| 22.5° | 1548.9 | 1548.1 | 1714.9 | 1881.7 |
| 25° | 1505.9 | 1480.4 | 1627.6 | 1774.8 |
| 27.5° | 1453.8 | 1411.5 | 1527.7 | 1644.0 |
| 30° | 1415.3 | 1366.2 | 1464.3 | 1562.5 |
| 32.5° | 1370.0 | 1318.7 | 1389.6 | 1460.6 |
| 35° | 1307.7 | 1247.3 | 1277.5 | 1307.7 |
| 37.5° | 1247.7 | 1174.5 | 1164.7 | 1154.9 |
| 40° | 1200.2 | 1120.9 | 1086.9 | 1053.0 |
| 42.5° | 1154.9 | 1072.6 | 1035.6 | 998.6 |
| 45° | 1084.1 | 1004.8 | 982.2 | 959.6 |
| 47.5° | 1014.5 | 933.3 | 916.7 | 900.1 |
| 50° | 962.4 | 877.5 | 854.8 | 832.2 |
| 52.5° | 903.5 | 811.8 | 798.2 | 784.6 |
| 55° | 809.5 | 716.1 | 727.5 | 738.8 |
| 57.5° | 713.3 | 612.2 | 622.0 | 631.8 |
| 60° | 645.4 | 539.7 | 558.6 | 577.4 |
| 62.5° | 593.3 | 490.6 | 503.5 | 516.3 |
| 65° | 523.7 | 431.2 | 423.6 | 416.1 |
| 67.5° | 459.1 | 375.9 | 351.0 | 326.1 |
| 70° | 416.1 | 339.7 | 305.7 | 271.7 |
| 72.5° | 368.5 | 305.7 | 271.7 | 237.8 |
| 75° | 294.4 | 246.3 | 212.3 | 178.3 |
| 77.5° | 218.5 | 184.9 | 157.0 | 129.1 |
| 80° | 164.2 | 139.6 | 120.8 | 101.9 |
| 82.5° | 116.6 | 99.6 | 83.8 | 67.9 |
| 85° | 56.6 | 49.1 | 41.5 | 34.0 |
| 87.5° | 20.7 | 17.2 | 12.6 | 8.0 |
| 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-FA-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 | 18.66 | 19.51 | 19.62 | 20.49 | 21.78 | 19.85 | 20.70 | 20.82 | 21.69 | 22.97 |
| | 3H | 19.74 | 20.50 | 20.72 | 21.50 | 22.81 | 21.10 | 21.86 | 22.08 | 22.85 | 24.16 |
| | 4H | 20.10 | 20.82 | 21.09 | 21.81 | 23.13 | 21.49 | 22.21 | 22.48 | 23.20 | 24.52 |
| | 6H | 20.26 | 20.92 | 21.26 | 21.92 | 23.25 | 21.65 | 22.31 | 22.65 | 23.31 | 24.64 |
| | 8H | 20.29 | 20.92 | 21.30 | 21.94 | 23.26 | 21.67 | 22.30 | 22.68 | 23.32 | 24.65 |
| | 12H | 20.29 | 20.89 | 21.30 | 21.90 | 23.25 | 21.65 | 22.25 | 22.67 | 23.26 | 24.62 |
| 4H | 2H | 19.52 | 20.24 | 20.52 | 21.24 | 22.56 | 20.44 | 21.16 | 21.43 | 22.15 | 23.47 |
| | 3H | 20.91 | 21.51 | 21.92 | 22.53 | 23.86 | 21.90 | 22.50 | 22.91 | 23.52 | 24.85 |
| | 4H | 21.36 | 21.91 | 22.38 | 22.93 | 24.28 | 22.37 | 22.92 | 23.39 | 23.94 | 25.29 |
| | 6H | 21.59 | 22.06 | 22.62 | 23.10 | 24.46 | 22.60 | 23.07 | 23.62 | 24.11 | 25.46 |
| | 8H | 21.65 | 22.09 | 22.68 | 23.12 | 24.49 | 22.64 | 23.08 | 23.67 | 24.12 | 25.48 |
| | 12H | 21.65 | 22.05 | 22.70 | 23.10 | 24.47 | 22.63 | 23.03 | 23.68 | 24.08 | 25.45 |
| 8H | 4H | 21.75 | 22.19 | 22.77 | 23.22 | 24.59 | 22.57 | 23.01 | 23.60 | 24.04 | 25.41 |
| | 6H | 22.10 | 22.46 | 23.15 | 23.53 | 24.90 | 22.88 | 23.25 | 23.93 | 24.32 | 25.69 |
| | 8H | 22.21 | 22.53 | 23.27 | 23.59 | 24.98 | 22.98 | 23.30 | 24.04 | 24.36 | 25.74 |
| | 12H | 22.25 | 22.53 | 23.31 | 23.59 | 25.01 | 22.99 | 23.27 | 24.06 | 24.33 | 25.75 |
| 12H | 4H | 21.75 | 22.15 | 22.80 | 23.19 | 24.57 | 22.54 | 22.93 | 23.58 | 23.98 | 25.35 |
| | 6H | 22.17 | 22.49 | 23.23 | 23.55 | 24.93 | 22.90 | 23.22 | 23.96 | 24.28 | 25.66 |
| | 8H | 22.31 | 22.59 | 23.38 | 23.65 | 25.07 | 23.01 | 23.30 | 24.08 | 24.35 | 25.78 |