

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



Scaled data based on original data using
LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: CORELITE

Report Number: P1435760

Luminaire Tested: SQ2W-FA-K-025U-125D-L930-UNV-STD-W-WM-4

Issue Date: 3/24/2026

Test Information

Test Method: LM-79-2024
Report Number: P1435760
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-025U-125D-L930-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 250 LUMENS PER FOOT
Light Source: 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

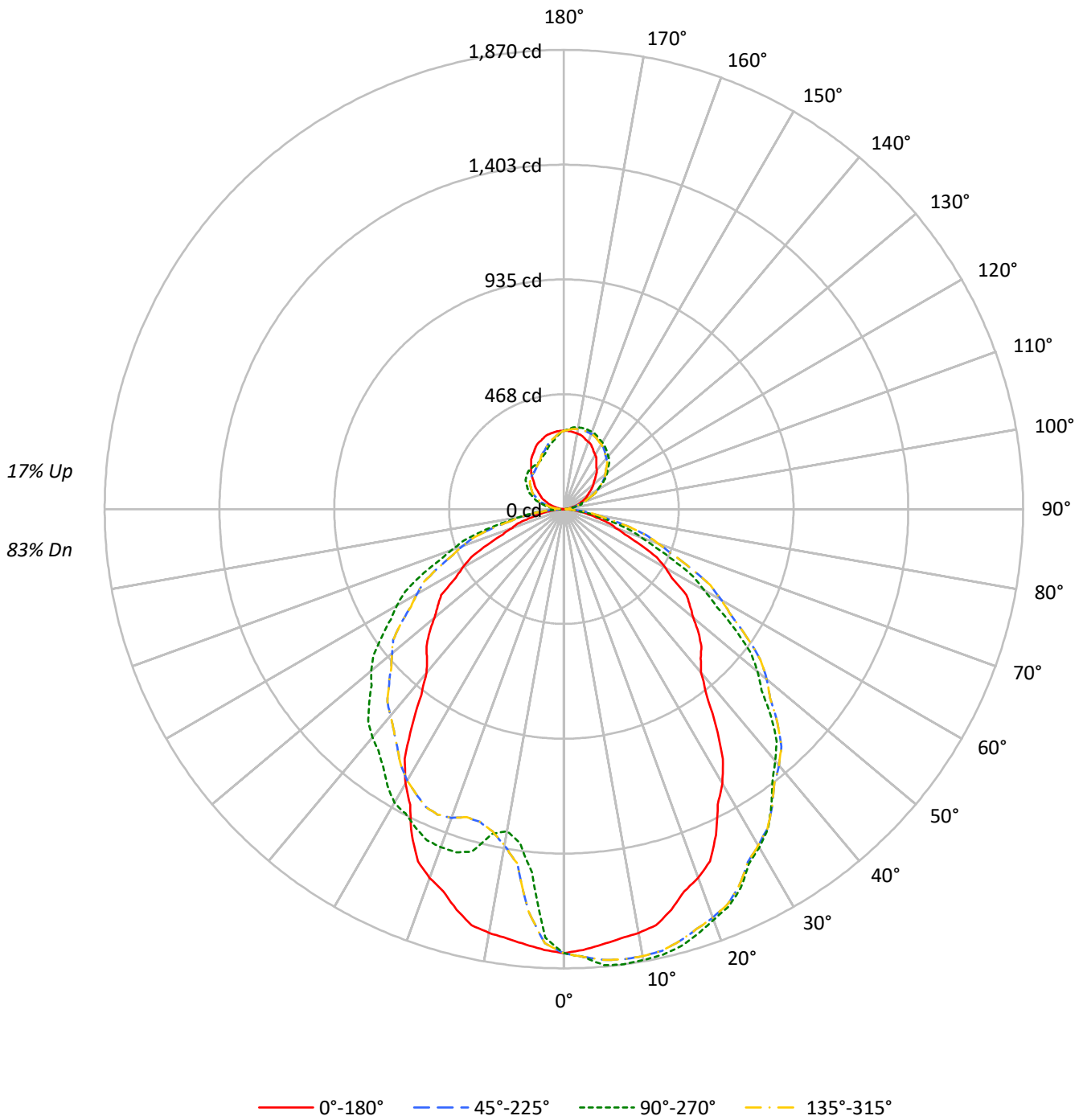
Lumens per Lamp: N/A
Luminaire Lumens: 5422.6 lumens
Efficiency: N/A
Efficacy: 95.6 lumens/watt
Spacing Criteria (0/90/45): 1.08 / 1.23 / 1.34
Luminous Opening: Rectangular (W 0.17' x L: 4' x H: 0')
CIE Type: Semi-Direct

Input Watts (W): 56.7
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: P1435760

CATALOG NUMBER: SQ2W-FA-K-025U-125D-L930-UNV-STD-W-WM-4

Luminous Intensity Polar Plot





TEST NUMBER: P1435760

CATALOG NUMBER: SQ2W-FA-K-025U-125D-L930-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 | 115 | 115 | 115 | 115 | 110 | 110 | 110 | 110 | 102 | 102 | 102 | 94 | 94 | 94 | 86 | 86 | 86 | 83 | | | | 83 |
| 1 | 105 | 101 | 97 | 93 | 101 | 97 | 93 | 90 | 90 | 87 | 84 | 83 | 81 | 79 | 77 | 75 | 73 | | | | 70 | |
| 2 | 96 | 88 | 82 | 76 | 92 | 85 | 79 | 74 | 79 | 74 | 70 | 73 | 69 | 66 | 68 | 65 | 62 | | | | 59 | |
| 3 | 88 | 78 | 70 | 64 | 84 | 75 | 68 | 62 | 69 | 64 | 59 | 65 | 60 | 56 | 60 | 56 | 53 | | | | 50 | |
| 4 | 80 | 69 | 61 | 54 | 77 | 66 | 59 | 53 | 62 | 55 | 50 | 58 | 52 | 48 | 54 | 49 | 45 | | | | 43 | |
| 5 | 74 | 62 | 53 | 47 | 71 | 59 | 52 | 46 | 55 | 49 | 44 | 52 | 46 | 42 | 48 | 43 | 40 | | | | 37 | |
| 6 | 68 | 55 | 47 | 41 | 65 | 54 | 46 | 40 | 50 | 43 | 38 | 47 | 41 | 37 | 44 | 39 | 35 | | | | 33 | |
| 7 | 63 | 50 | 42 | 36 | 60 | 49 | 41 | 35 | 46 | 39 | 34 | 43 | 37 | 32 | 40 | 35 | 31 | | | | 29 | |
| 8 | 59 | 46 | 38 | 32 | 56 | 44 | 37 | 31 | 42 | 35 | 30 | 39 | 33 | 29 | 37 | 32 | 28 | | | | 26 | |
| 9 | 55 | 42 | 34 | 29 | 53 | 41 | 33 | 28 | 38 | 32 | 27 | 36 | 30 | 26 | 34 | 29 | 25 | | | | 23 | |
| 10 | 51 | 39 | 31 | 26 | 49 | 38 | 30 | 26 | 35 | 29 | 25 | 33 | 28 | 24 | 31 | 27 | 23 | | | | 21 | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 29193 | 29193 | 29193 | 29193 |
| 5° | 28850 | 30214 | 28850 | 24079 |
| 10° | 28723 | 30563 | 28723 | 21829 |
| 15° | 28232 | 30808 | 28232 | 24132 |
| 20° | 27453 | 30585 | 27453 | 25166 |
| 25° | 26093 | 30338 | 26093 | 25470 |
| 30° | 24041 | 29658 | 24041 | 25739 |
| 35° | 21271 | 29007 | 21271 | 25278 |
| 40° | 18315 | 28211 | 18315 | 25553 |
| 45° | 18082 | 27204 | 18082 | 25603 |
| 50° | 17251 | 25877 | 17251 | 25701 |
| 55° | 17162 | 23870 | 17162 | 25447 |
| 60° | 15390 | 21273 | 15390 | 25345 |
| 65° | 13119 | 18743 | 13119 | 24630 |
| 70° | 10588 | 15880 | 10588 | 22829 |
| 75° | 9183 | 13113 | 9183 | 20985 |
| 80° | 7819 | 9772 | 7819 | 16941 |
| 85° | 5187 | 5187 | 5187 | 10392 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 40°
 Vertical Angle: 45°
 Luminance: 28058 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 162.7 | 3.0 |
| 10°-20° | 454.6 | 8.4 |
| 20°-30° | 690.3 | 12.7 |
| 30°-40° | 810.5 | 14.9 |
| 40°-50° | 822.5 | 15.2 |
| 50°-60° | 720.4 | 13.3 |
| 60°-70° | 511.0 | 9.4 |
| 70°-80° | 263.1 | 4.9 |
| 80°-90° | 56.5 | 1.0 |
| 90°-100° | 25.4 | 0.5 |
| 100°-110° | 74.0 | 1.4 |
| 110°-120° | 120.8 | 2.2 |
| 120°-130° | 153.3 | 2.8 |
| 130°-140° | 164.0 | 3.0 |
| 140°-150° | 153.1 | 2.8 |
| 150°-160° | 126.0 | 2.3 |
| 160°-170° | 84.5 | 1.6 |
| 170°-180° | 30.0 | 0.6 |
| 0°-30° | 1307.6 | 24.1 |
| 0°-40° | 2118.1 | 39.1 |
| 0°-60° | 3661.0 | 67.5 |
| 0°-90° | 4491.6 | 82.8 |
| 90°-120° | 220.2 | 4.1 |
| 90°-150° | 690.5 | 12.7 |
| 90°-180° | 931.0 | 17.2 |
| 0°-180° | 5422.6 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1808 | 1808 | 1808 | 1808 | 1808 | |
| 5° | 1780 | 1864 | 1780 | 1486 | 1780 | 169 |
| 15° | 1689 | 1843 | 1689 | 1444 | 1689 | 474 |
| 25° | 1465 | 1703 | 1465 | 1430 | 1465 | 669 |
| 35° | 1079 | 1472 | 1079 | 1282 | 1079 | 672 |
| 45° | 792 | 1191 | 792 | 1121 | 792 | 605 |
| 55° | 610 | 848 | 610 | 904 | 610 | 527 |
| 65° | 343 | 491 | 343 | 645 | 343 | 343 |
| 75° | 147 | 210 | 147 | 336 | 147 | 159 |
| 85° | 28 | 28 | 28 | 56 | 28 | 35 |
| 90° | 1 | 7 | 1 | 14 | 1 | 2 |
| 95° | 10 | 7 | 10 | 44 | 10 | 12 |
| 105° | 47 | 75 | 47 | 104 | 47 | 50 |
| 115° | 90 | 125 | 90 | 154 | 90 | 89 |
| 125° | 133 | 198 | 133 | 189 | 133 | 119 |
| 135° | 181 | 259 | 181 | 209 | 181 | 140 |
| 145° | 232 | 299 | 232 | 214 | 232 | 145 |
| 155° | 275 | 325 | 275 | 222 | 275 | 126 |
| 165° | 304 | 338 | 304 | 255 | 304 | 86 |
| 175° | 318 | 331 | 318 | 299 | 318 | 30 |
| 180° | 319 | 319 | 319 | 319 | 319 | |



TEST NUMBER: P1435760

CATALOG NUMBER: SQ2W-FA-K-025U-125D-L930-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 30° | 40° | 50° | 60° | 70° | 80° | 90° | 100° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1808.1 | 1808.1 | 1808.1 | 1808.1 | 1808.1 | 1808.1 | 1808.1 | 1808.1 | 1808.1 | 1808.1 | 1808.1 |
| 2.5° | 1796.9 | 1809.3 | 1821.8 | 1824.9 | 1824.9 | 1824.9 | 1824.9 | 1824.9 | 1824.9 | 1824.9 | 1824.9 |
| 5° | 1780.1 | 1801.9 | 1823.7 | 1833.8 | 1840.0 | 1844.7 | 1847.8 | 1851.7 | 1857.9 | 1864.2 | 1857.9 |
| 7.5° | 1763.2 | 1792.5 | 1821.8 | 1836.1 | 1845.5 | 1852.9 | 1858.5 | 1863.5 | 1866.6 | 1869.8 | 1866.6 |
| 10° | 1752.0 | 1786.3 | 1820.5 | 1836.1 | 1845.5 | 1851.7 | 1854.8 | 1857.9 | 1861.0 | 1864.2 | 1861.0 |
| 12.5° | 1735.2 | 1772.0 | 1808.7 | 1826.8 | 1838.6 | 1846.1 | 1849.2 | 1852.3 | 1855.4 | 1858.5 | 1855.4 |
| 15° | 1689.0 | 1738.8 | 1788.6 | 1808.1 | 1817.4 | 1825.2 | 1831.5 | 1836.9 | 1840.0 | 1843.1 | 1840.0 |
| 17.5° | 1631.5 | 1691.9 | 1752.3 | 1776.8 | 1789.2 | 1798.3 | 1803.9 | 1808.7 | 1811.2 | 1813.7 | 1811.2 |
| 20° | 1597.8 | 1663.3 | 1728.7 | 1754.4 | 1766.8 | 1774.6 | 1777.7 | 1780.1 | 1780.1 | 1780.1 | 1780.1 |
| 22.5° | 1553.0 | 1625.9 | 1698.8 | 1726.3 | 1738.8 | 1745.3 | 1746.0 | 1747.0 | 1749.5 | 1752.0 | 1749.5 |
| 25° | 1464.7 | 1548.8 | 1632.9 | 1667.9 | 1686.6 | 1694.4 | 1691.3 | 1690.5 | 1696.7 | 1703.0 | 1696.7 |
| 27.5° | 1356.8 | 1462.7 | 1568.6 | 1604.4 | 1616.8 | 1624.6 | 1627.7 | 1630.1 | 1630.1 | 1630.1 | 1630.1 |
| 30° | 1289.5 | 1407.8 | 1526.2 | 1565.1 | 1577.6 | 1585.4 | 1588.5 | 1590.8 | 1590.8 | 1590.8 | 1590.8 |
| 32.5° | 1205.4 | 1346.2 | 1487.0 | 1529.6 | 1539.6 | 1544.9 | 1545.5 | 1546.0 | 1546.0 | 1546.0 | 1546.0 |
| 35° | 1079.2 | 1250.6 | 1421.9 | 1469.4 | 1475.6 | 1478.7 | 1478.7 | 1477.9 | 1474.8 | 1471.7 | 1474.8 |
| 37.5° | 953.1 | 1147.5 | 1341.8 | 1397.4 | 1406.8 | 1409.3 | 1404.9 | 1400.8 | 1397.7 | 1394.6 | 1397.7 |
| 40° | 869.0 | 1080.8 | 1292.6 | 1352.6 | 1361.9 | 1361.9 | 1352.6 | 1344.8 | 1341.7 | 1338.5 | 1341.7 |
| 42.5° | 824.2 | 1033.5 | 1242.8 | 1302.1 | 1311.4 | 1310.2 | 1298.4 | 1288.7 | 1285.6 | 1282.5 | 1285.6 |
| 45° | 791.9 | 978.8 | 1165.7 | 1219.4 | 1228.8 | 1227.2 | 1214.7 | 1203.8 | 1197.6 | 1191.4 | 1197.6 |
| 47.5° | 742.9 | 907.3 | 1071.8 | 1124.6 | 1140.1 | 1138.6 | 1119.9 | 1104.3 | 1098.1 | 1091.9 | 1098.1 |
| 50° | 686.8 | 848.8 | 1010.7 | 1062.9 | 1078.5 | 1076.9 | 1058.2 | 1042.6 | 1036.4 | 1030.2 | 1036.4 |
| 52.5° | 647.5 | 799.5 | 951.5 | 999.4 | 1012.4 | 1008.4 | 987.2 | 969.8 | 963.5 | 957.3 | 963.5 |
| 55° | 609.7 | 737.4 | 865.1 | 904.0 | 913.4 | 907.2 | 885.4 | 866.7 | 857.3 | 848.0 | 857.3 |
| 57.5° | 521.4 | 642.9 | 764.4 | 802.2 | 812.2 | 804.7 | 779.8 | 758.4 | 747.8 | 737.3 | 747.8 |
| 60° | 476.6 | 585.6 | 694.6 | 731.2 | 743.6 | 737.4 | 712.5 | 689.9 | 674.3 | 658.8 | 674.3 |
| 62.5° | 426.1 | 522.6 | 619.2 | 656.4 | 673.9 | 670.1 | 645.2 | 622.6 | 607.1 | 591.5 | 607.1 |
| 65° | 343.4 | 427.5 | 511.6 | 549.0 | 570.8 | 569.2 | 544.3 | 521.7 | 506.1 | 490.6 | 506.1 |
| 67.5° | 269.1 | 341.4 | 413.6 | 450.4 | 475.3 | 474.1 | 446.6 | 423.0 | 410.5 | 398.1 | 410.5 |
| 70° | 224.3 | 286.6 | 348.8 | 383.1 | 408.0 | 408.0 | 383.1 | 361.3 | 348.8 | 336.4 | 348.8 |
| 72.5° | 196.2 | 243.6 | 290.9 | 323.3 | 350.7 | 350.7 | 323.3 | 300.3 | 290.3 | 280.3 | 290.3 |
| 75° | 147.2 | 175.2 | 203.2 | 233.6 | 264.8 | 267.9 | 242.9 | 222.7 | 216.5 | 210.2 | 216.5 |
| 77.5° | 106.5 | 119.6 | 132.7 | 156.5 | 183.9 | 187.0 | 165.9 | 149.4 | 146.9 | 144.4 | 146.9 |
| 80° | 84.1 | 87.2 | 90.3 | 109.8 | 134.7 | 137.8 | 119.1 | 105.1 | 105.1 | 105.1 | 105.1 |
| 82.5° | 56.1 | 59.2 | 62.3 | 76.2 | 93.6 | 95.5 | 81.8 | 70.9 | 68.4 | 65.9 | 68.4 |
| 85° | 28.0 | 28.0 | 28.0 | 32.7 | 38.9 | 38.9 | 32.7 | 28.0 | 28.0 | 28.0 | 28.0 |
| 87.5° | 5.8 | 6.1 | 6.4 | 8.5 | 11.2 | 11.3 | 8.8 | 7.0 | 7.0 | 7.0 | 7.0 |
| 90° | 1.0 | 2.3 | 3.9 | 5.2 | 6.1 | 6.4 | 6.4 | 6.8 | 7.1 | 7.1 | 7.1 |
| 92.5° | 3.5 | 5.6 | 5.7 | 5.7 | 6.9 | 7.5 | 8.0 | 8.1 | 8.4 | 8.4 | 8.4 |
| 95° | 10.0 | 11.0 | 16.4 | 16.1 | 11.0 | 8.7 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 |
| 97.5° | 19.1 | 20.5 | 21.4 | 28.7 | 30.3 | 29.2 | 23.8 | 20.0 | 17.9 | 16.9 | 17.9 |
| 100° | 27.1 | 27.7 | 29.6 | 30.0 | 38.0 | 45.7 | 41.9 | 37.0 | 35.4 | 34.5 | 35.4 |
| 102.5° | 35.0 | 35.4 | 38.4 | 39.7 | 41.6 | 46.0 | 59.4 | 57.9 | 56.8 | 56.6 | 56.8 |
| 105° | 47.0 | 47.3 | 52.8 | 55.4 | 56.7 | 56.7 | 56.4 | 62.8 | 73.1 | 75.4 | 73.1 |
| 107.5° | 59.8 | 61.3 | 67.8 | 74.7 | 76.1 | 76.5 | 74.9 | 73.9 | 73.5 | 73.8 | 73.5 |
| 110° | 68.6 | 70.9 | 78.6 | 87.3 | 89.5 | 90.2 | 89.5 | 88.6 | 87.9 | 87.9 | 87.9 |



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CATALOG NUMBER: SQ2W-FA-K-025U-125D-L930-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 0° | 10° | 20° | 30° | 40° | 50° | 60° | 70° | 80° | 90° | 100° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 77.1 | 80.4 | 89.2 | 99.1 | 102.9 | 104.9 | 103.5 | 102.7 | 102.1 | 102.6 | 102.1 |
| 115° | 90.2 | 95.0 | 106.6 | 116.9 | 124.6 | 125.6 | 125.3 | 125.3 | 125.0 | 125.0 | 125.0 |
| 117.5° | 102.3 | 110.0 | 123.0 | 135.0 | 144.0 | 146.5 | 147.8 | 147.5 | 147.1 | 147.7 | 147.1 |
| 120° | 110.8 | 119.8 | 134.6 | 148.2 | 156.9 | 160.7 | 162.0 | 161.4 | 162.0 | 161.4 | 162.0 |
| 122.5° | 119.8 | 130.9 | 145.5 | 159.5 | 169.7 | 174.1 | 175.7 | 175.8 | 175.9 | 175.5 | 175.9 |
| 125° | 133.3 | 146.9 | 163.9 | 178.4 | 189.1 | 194.2 | 195.5 | 195.8 | 196.5 | 198.1 | 196.5 |
| 127.5° | 147.0 | 162.3 | 181.1 | 195.1 | 205.9 | 212.2 | 214.2 | 214.9 | 216.2 | 217.0 | 216.2 |
| 130° | 156.5 | 173.9 | 192.9 | 206.1 | 216.8 | 223.5 | 227.1 | 228.0 | 229.6 | 229.3 | 229.6 |
| 132.5° | 166.6 | 184.7 | 204.0 | 217.7 | 227.6 | 234.9 | 237.9 | 240.7 | 241.2 | 241.7 | 241.2 |
| 135° | 181.3 | 201.0 | 220.3 | 233.8 | 243.2 | 250.3 | 254.1 | 256.7 | 258.3 | 259.3 | 258.3 |
| 137.5° | 196.9 | 217.6 | 236.2 | 248.2 | 257.6 | 263.7 | 268.1 | 270.8 | 272.5 | 273.3 | 272.5 |
| 140° | 207.4 | 227.4 | 245.4 | 258.0 | 266.4 | 272.5 | 276.3 | 279.6 | 281.5 | 281.5 | 281.5 |
| 142.5° | 217.5 | 237.2 | 254.7 | 267.3 | 274.6 | 280.2 | 284.3 | 286.8 | 289.0 | 289.0 | 289.0 |
| 145° | 231.6 | 251.2 | 267.3 | 279.9 | 286.0 | 291.2 | 295.7 | 297.6 | 298.9 | 298.9 | 298.9 |
| 147.5° | 246.3 | 263.7 | 278.4 | 290.5 | 295.6 | 301.7 | 305.2 | 306.8 | 308.4 | 307.7 | 308.4 |
| 150° | 255.1 | 271.2 | 285.4 | 296.6 | 301.8 | 307.6 | 311.1 | 312.4 | 314.0 | 313.1 | 314.0 |
| 152.5° | 263.6 | 278.9 | 291.8 | 302.3 | 306.7 | 312.5 | 316.5 | 317.8 | 318.9 | 318.2 | 318.9 |
| 155° | 275.1 | 288.6 | 300.5 | 310.2 | 314.0 | 319.5 | 323.4 | 325.0 | 326.3 | 324.7 | 326.3 |
| 157.5° | 285.3 | 297.0 | 307.3 | 316.2 | 320.3 | 325.0 | 328.7 | 330.7 | 331.9 | 331.2 | 331.9 |
| 160° | 291.5 | 302.1 | 311.5 | 319.8 | 323.7 | 327.9 | 331.7 | 334.0 | 335.3 | 334.3 | 335.3 |
| 162.5° | 296.6 | 306.2 | 315.1 | 322.7 | 326.0 | 329.7 | 334.3 | 336.3 | 337.6 | 336.4 | 337.6 |
| 165° | 304.0 | 311.8 | 319.5 | 326.0 | 328.8 | 331.7 | 336.6 | 338.8 | 339.8 | 338.5 | 339.8 |
| 167.5° | 309.7 | 315.6 | 321.8 | 327.4 | 329.5 | 332.3 | 337.2 | 339.0 | 340.3 | 338.6 | 340.3 |
| 170° | 312.7 | 317.9 | 323.4 | 327.9 | 329.5 | 332.1 | 336.9 | 338.5 | 339.5 | 337.9 | 339.5 |
| 172.5° | 315.3 | 319.2 | 323.6 | 327.6 | 328.5 | 330.5 | 335.1 | 336.7 | 337.4 | 336.1 | 337.4 |
| 175° | 317.9 | 320.2 | 323.4 | 326.0 | 325.6 | 326.9 | 330.8 | 332.1 | 333.4 | 331.4 | 333.4 |
| 177.5° | 319.1 | 320.2 | 321.2 | 322.7 | 321.7 | 321.7 | 324.5 | 325.3 | 325.6 | 324.5 | 325.6 |
| 180° | 318.9 | 318.9 | 318.9 | 318.9 | 318.9 | 318.9 | 318.9 | 318.9 | 318.9 | 318.9 | 318.9 |



TEST NUMBER: P1435760

CATALOG NUMBER: SQ2W-FA-K-025U-125D-L930-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 110° | 120° | 130° | 140° | 150° | 160° | 170° | 180° | 190° | 200° | 210° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1808.1 | 1808.1 | 1808.1 | 1808.1 | 1808.1 | 1808.1 | 1808.1 | 1808.1 | 1808.1 | 1808.1 | 1808.1 |
| 2.5° | 1824.9 | 1824.9 | 1824.9 | 1824.9 | 1824.9 | 1821.8 | 1809.3 | 1796.9 | 1796.9 | 1796.9 | 1787.5 |
| 5° | 1851.7 | 1847.8 | 1844.7 | 1840.0 | 1833.8 | 1823.7 | 1801.9 | 1780.1 | 1770.7 | 1761.4 | 1721.7 |
| 7.5° | 1863.5 | 1858.5 | 1852.9 | 1845.5 | 1836.1 | 1821.8 | 1792.5 | 1763.2 | 1721.5 | 1679.8 | 1591.3 |
| 10° | 1857.9 | 1854.8 | 1851.7 | 1845.5 | 1836.1 | 1820.5 | 1786.3 | 1752.0 | 1667.9 | 1583.8 | 1499.7 |
| 12.5° | 1852.3 | 1849.2 | 1846.1 | 1838.6 | 1826.8 | 1808.7 | 1772.0 | 1735.2 | 1616.2 | 1497.2 | 1421.2 |
| 15° | 1836.9 | 1831.5 | 1825.2 | 1817.4 | 1808.1 | 1788.6 | 1738.8 | 1689.0 | 1555.0 | 1421.1 | 1357.2 |
| 17.5° | 1808.7 | 1803.9 | 1798.3 | 1789.2 | 1776.8 | 1752.3 | 1691.9 | 1631.5 | 1491.3 | 1351.2 | 1310.0 |
| 20° | 1780.1 | 1777.7 | 1774.6 | 1766.8 | 1754.4 | 1728.7 | 1663.3 | 1597.8 | 1457.7 | 1317.5 | 1298.8 |
| 22.5° | 1747.0 | 1746.0 | 1745.3 | 1738.8 | 1726.3 | 1698.8 | 1625.9 | 1553.0 | 1415.3 | 1277.7 | 1278.3 |
| 25° | 1690.5 | 1691.3 | 1694.4 | 1686.6 | 1667.9 | 1632.9 | 1548.8 | 1464.7 | 1343.2 | 1221.7 | 1242.8 |
| 27.5° | 1630.1 | 1627.7 | 1624.6 | 1616.8 | 1604.4 | 1568.6 | 1462.7 | 1356.8 | 1260.8 | 1164.9 | 1199.8 |
| 30° | 1590.8 | 1588.5 | 1585.4 | 1577.6 | 1565.1 | 1526.2 | 1407.8 | 1289.5 | 1208.5 | 1127.5 | 1168.0 |
| 32.5° | 1546.0 | 1545.5 | 1544.9 | 1539.6 | 1529.6 | 1487.0 | 1346.2 | 1205.4 | 1146.8 | 1088.3 | 1130.6 |
| 35° | 1477.9 | 1478.7 | 1478.7 | 1475.6 | 1469.4 | 1421.9 | 1250.6 | 1079.2 | 1054.3 | 1029.4 | 1079.2 |
| 37.5° | 1400.8 | 1404.9 | 1409.3 | 1406.8 | 1397.4 | 1341.8 | 1147.5 | 953.1 | 961.2 | 969.3 | 1029.7 |
| 40° | 1344.8 | 1352.6 | 1361.9 | 1361.9 | 1352.6 | 1292.6 | 1080.8 | 869.0 | 897.0 | 925.1 | 990.5 |
| 42.5° | 1288.7 | 1298.4 | 1310.2 | 1311.4 | 1302.1 | 1242.8 | 1033.5 | 824.2 | 854.7 | 885.2 | 953.1 |
| 45° | 1203.8 | 1214.7 | 1227.2 | 1228.8 | 1219.4 | 1165.7 | 978.8 | 791.9 | 810.6 | 829.3 | 894.7 |
| 47.5° | 1104.3 | 1119.9 | 1138.6 | 1140.1 | 1124.6 | 1071.8 | 907.3 | 742.9 | 756.6 | 770.3 | 837.2 |
| 50° | 1042.6 | 1058.2 | 1076.9 | 1078.5 | 1062.9 | 1010.7 | 848.8 | 686.8 | 705.5 | 724.2 | 794.3 |
| 52.5° | 969.8 | 987.2 | 1008.4 | 1012.4 | 999.4 | 951.5 | 799.5 | 647.5 | 658.8 | 670.0 | 745.7 |
| 55° | 866.7 | 885.4 | 907.2 | 913.4 | 904.0 | 865.1 | 737.4 | 609.7 | 600.4 | 591.0 | 668.1 |
| 57.5° | 758.4 | 779.8 | 804.7 | 812.2 | 802.2 | 764.4 | 642.9 | 521.4 | 513.3 | 505.2 | 588.7 |
| 60° | 689.9 | 712.5 | 737.4 | 743.6 | 731.2 | 694.6 | 585.6 | 476.6 | 461.0 | 445.4 | 532.6 |
| 62.5° | 622.6 | 645.2 | 670.1 | 673.9 | 656.4 | 619.2 | 522.6 | 426.1 | 415.5 | 404.9 | 489.6 |
| 65° | 521.7 | 544.3 | 569.2 | 570.8 | 549.0 | 511.6 | 427.5 | 343.4 | 349.6 | 355.9 | 432.2 |
| 67.5° | 423.0 | 446.6 | 474.1 | 475.3 | 450.4 | 413.6 | 341.4 | 269.1 | 289.7 | 310.2 | 378.9 |
| 70° | 361.3 | 383.1 | 408.0 | 408.0 | 383.1 | 348.8 | 286.6 | 224.3 | 252.3 | 280.3 | 343.4 |
| 72.5° | 300.3 | 323.3 | 350.7 | 350.7 | 323.3 | 290.9 | 243.6 | 196.2 | 224.3 | 252.3 | 304.2 |
| 75° | 222.7 | 242.9 | 267.9 | 264.8 | 233.6 | 203.2 | 175.2 | 147.2 | 175.2 | 203.2 | 242.9 |
| 77.5° | 149.4 | 165.9 | 187.0 | 183.9 | 156.5 | 132.7 | 119.6 | 106.5 | 129.6 | 152.6 | 180.3 |
| 80° | 105.1 | 119.1 | 137.8 | 134.7 | 109.8 | 90.3 | 87.2 | 84.1 | 99.7 | 115.2 | 135.5 |
| 82.5° | 70.9 | 81.8 | 95.5 | 93.6 | 76.2 | 62.3 | 59.2 | 56.1 | 69.1 | 82.2 | 96.2 |
| 85° | 28.0 | 32.7 | 38.9 | 38.9 | 32.7 | 28.0 | 28.0 | 28.0 | 34.3 | 40.5 | 46.7 |
| 87.5° | 7.0 | 8.8 | 11.3 | 11.2 | 8.5 | 6.4 | 6.1 | 5.8 | 8.5 | 11.3 | 12.4 |
| 90° | 6.8 | 6.4 | 6.4 | 6.1 | 5.2 | 3.9 | 2.3 | 1.0 | 2.3 | 3.5 | 5.8 |
| 92.5° | 8.1 | 8.0 | 7.5 | 6.9 | 5.7 | 5.7 | 5.6 | 3.5 | 6.1 | 8.7 | 12.5 |
| 95° | 7.4 | 7.4 | 8.7 | 11.0 | 16.1 | 16.4 | 11.0 | 10.0 | 14.2 | 20.0 | 25.1 |
| 97.5° | 20.0 | 23.8 | 29.2 | 30.3 | 28.7 | 21.4 | 20.5 | 19.1 | 26.0 | 31.7 | 40.0 |
| 100° | 37.0 | 41.9 | 45.7 | 38.0 | 30.0 | 29.6 | 27.7 | 27.1 | 34.5 | 39.9 | 48.0 |
| 102.5° | 57.9 | 59.4 | 46.0 | 41.6 | 39.7 | 38.4 | 35.4 | 35.0 | 42.5 | 50.0 | 56.8 |
| 105° | 62.8 | 56.4 | 56.7 | 56.7 | 55.4 | 52.8 | 47.3 | 47.0 | 55.4 | 64.1 | 72.5 |
| 107.5° | 73.9 | 74.9 | 76.5 | 76.1 | 74.7 | 67.8 | 61.3 | 59.8 | 67.4 | 77.8 | 87.0 |
| 110° | 88.6 | 89.5 | 90.2 | 89.5 | 87.3 | 78.6 | 70.9 | 68.6 | 75.4 | 86.3 | 96.3 |



TEST NUMBER: P1435760

CATALOG NUMBER: SQ2W-FA-K-025U-125D-L930-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 110° | 120° | 130° | 140° | 150° | 160° | 170° | 180° | 190° | 200° | 210° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 102.7 | 103.5 | 104.9 | 102.9 | 99.1 | 89.2 | 80.4 | 77.1 | 83.9 | 95.1 | 105.3 |
| 115° | 125.3 | 125.3 | 125.6 | 124.6 | 116.9 | 106.6 | 95.0 | 90.2 | 96.0 | 106.3 | 117.6 |
| 117.5° | 147.5 | 147.8 | 146.5 | 144.0 | 135.0 | 123.0 | 110.0 | 102.3 | 106.9 | 117.8 | 129.3 |
| 120° | 161.4 | 162.0 | 160.7 | 156.9 | 148.2 | 134.6 | 119.8 | 110.8 | 114.3 | 125.0 | 136.6 |
| 122.5° | 175.8 | 175.7 | 174.1 | 169.7 | 159.5 | 145.5 | 130.9 | 119.8 | 121.3 | 131.2 | 142.5 |
| 125° | 195.8 | 195.5 | 194.2 | 189.1 | 178.4 | 163.9 | 146.9 | 133.3 | 131.4 | 139.8 | 151.4 |
| 127.5° | 214.9 | 214.2 | 212.2 | 205.9 | 195.1 | 181.1 | 162.3 | 147.0 | 142.7 | 148.0 | 158.6 |
| 130° | 228.0 | 227.1 | 223.5 | 216.8 | 206.1 | 192.9 | 173.9 | 156.5 | 150.4 | 153.6 | 163.0 |
| 132.5° | 240.7 | 237.9 | 234.9 | 227.6 | 217.7 | 204.0 | 184.7 | 166.6 | 158.1 | 159.6 | 166.8 |
| 135° | 256.7 | 254.1 | 250.3 | 243.2 | 233.8 | 220.3 | 201.0 | 181.3 | 169.7 | 168.5 | 172.6 |
| 137.5° | 270.8 | 268.1 | 263.7 | 257.6 | 248.2 | 236.2 | 217.6 | 196.9 | 182.2 | 177.9 | 179.5 |
| 140° | 279.6 | 276.3 | 272.5 | 266.4 | 258.0 | 245.4 | 227.4 | 207.4 | 191.0 | 184.9 | 183.9 |
| 142.5° | 286.8 | 284.3 | 280.2 | 274.6 | 267.3 | 254.7 | 237.2 | 217.5 | 200.0 | 192.1 | 189.8 |
| 145° | 297.6 | 295.7 | 291.2 | 286.0 | 279.9 | 267.3 | 251.2 | 231.6 | 214.2 | 203.9 | 199.0 |
| 147.5° | 306.8 | 305.2 | 301.7 | 295.6 | 290.5 | 278.4 | 263.7 | 246.3 | 228.5 | 215.7 | 209.5 |
| 150° | 312.4 | 311.1 | 307.6 | 301.8 | 296.6 | 285.4 | 271.2 | 255.1 | 238.0 | 224.5 | 216.4 |
| 152.5° | 317.8 | 316.5 | 312.5 | 306.7 | 302.3 | 291.8 | 278.9 | 263.6 | 246.3 | 232.7 | 224.4 |
| 155° | 325.0 | 323.4 | 319.5 | 314.0 | 310.2 | 300.5 | 288.6 | 275.1 | 260.2 | 246.1 | 236.7 |
| 157.5° | 330.7 | 328.7 | 325.0 | 320.3 | 316.2 | 307.3 | 297.0 | 285.3 | 272.4 | 258.8 | 249.3 |
| 160° | 334.0 | 331.7 | 327.9 | 323.7 | 319.8 | 311.5 | 302.1 | 291.5 | 279.6 | 267.3 | 257.0 |
| 162.5° | 336.3 | 334.3 | 329.7 | 326.0 | 322.7 | 315.1 | 306.2 | 296.6 | 286.0 | 275.3 | 265.8 |
| 165° | 338.8 | 336.6 | 331.7 | 328.8 | 326.0 | 319.5 | 311.8 | 304.0 | 295.0 | 286.3 | 278.6 |
| 167.5° | 339.0 | 337.2 | 332.3 | 329.5 | 327.4 | 321.8 | 315.6 | 309.7 | 302.6 | 295.8 | 289.4 |
| 170° | 338.5 | 336.9 | 332.1 | 329.5 | 327.9 | 323.4 | 317.9 | 312.7 | 307.3 | 301.5 | 296.3 |
| 172.5° | 336.7 | 335.1 | 330.5 | 328.5 | 327.6 | 323.6 | 319.2 | 315.3 | 310.6 | 306.4 | 302.2 |
| 175° | 332.1 | 330.8 | 326.9 | 325.6 | 326.0 | 323.4 | 320.2 | 317.9 | 315.0 | 312.4 | 310.2 |
| 177.5° | 325.3 | 324.5 | 321.7 | 321.7 | 322.7 | 321.2 | 320.2 | 319.1 | 317.8 | 317.1 | 316.3 |
| 180° | 318.9 | 318.9 | 318.9 | 318.9 | 318.9 | 318.9 | 318.9 | 318.9 | 318.9 | 318.9 | 318.9 |



TEST NUMBER: P1435760

CATALOG NUMBER: SQ2W-FA-K-025U-125D-L930-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 220° | 230° | 240° | 250° | 260° | 270° | 280° | 290° | 300° | 310° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1808.1 | 1808.1 | 1808.1 | 1808.1 | 1808.1 | 1808.1 | 1808.1 | 1808.1 | 1808.1 | 1808.1 | 1808.1 |
| 2.5° | 1775.1 | 1765.1 | 1757.6 | 1751.4 | 1748.9 | 1746.4 | 1748.9 | 1751.4 | 1757.6 | 1765.1 | 1775.1 |
| 5° | 1671.8 | 1618.9 | 1562.8 | 1516.9 | 1501.3 | 1485.7 | 1501.3 | 1516.9 | 1562.8 | 1618.9 | 1671.8 |
| 7.5° | 1487.3 | 1423.4 | 1399.8 | 1380.8 | 1375.8 | 1370.8 | 1375.8 | 1380.8 | 1399.8 | 1423.4 | 1487.3 |
| 10° | 1415.6 | 1364.2 | 1345.6 | 1331.5 | 1331.5 | 1331.5 | 1331.5 | 1331.5 | 1345.6 | 1364.2 | 1415.6 |
| 12.5° | 1359.6 | 1328.1 | 1326.9 | 1329.0 | 1341.5 | 1354.0 | 1341.5 | 1329.0 | 1326.9 | 1328.1 | 1359.6 |
| 15° | 1316.7 | 1321.4 | 1371.3 | 1412.5 | 1428.1 | 1443.7 | 1428.1 | 1412.5 | 1371.3 | 1321.4 | 1316.7 |
| 17.5° | 1301.9 | 1328.7 | 1390.4 | 1439.8 | 1452.2 | 1464.7 | 1452.2 | 1439.8 | 1390.4 | 1328.7 | 1301.9 |
| 20° | 1320.6 | 1354.9 | 1401.6 | 1439.8 | 1452.2 | 1464.7 | 1452.2 | 1439.8 | 1401.6 | 1354.9 | 1320.6 |
| 22.5° | 1325.0 | 1366.7 | 1403.5 | 1434.2 | 1446.6 | 1459.1 | 1446.6 | 1434.2 | 1403.5 | 1366.7 | 1325.0 |
| 25° | 1311.3 | 1361.1 | 1392.3 | 1417.2 | 1423.4 | 1429.7 | 1423.4 | 1417.2 | 1392.3 | 1361.1 | 1311.3 |
| 27.5° | 1278.3 | 1333.1 | 1364.2 | 1388.7 | 1393.1 | 1397.4 | 1393.1 | 1388.7 | 1364.2 | 1333.1 | 1278.3 |
| 30° | 1249.0 | 1305.1 | 1336.2 | 1361.9 | 1371.3 | 1380.6 | 1371.3 | 1361.9 | 1336.2 | 1305.1 | 1249.0 |
| 32.5° | 1206.6 | 1263.9 | 1302.6 | 1332.0 | 1333.9 | 1335.7 | 1333.9 | 1332.0 | 1302.6 | 1263.9 | 1206.6 |
| 35° | 1154.0 | 1213.2 | 1256.8 | 1288.7 | 1285.6 | 1282.5 | 1285.6 | 1288.7 | 1256.8 | 1213.2 | 1154.0 |
| 37.5° | 1107.6 | 1165.5 | 1203.5 | 1233.0 | 1236.7 | 1240.4 | 1236.7 | 1233.0 | 1203.5 | 1165.5 | 1107.6 |
| 40° | 1068.3 | 1127.5 | 1168.0 | 1199.9 | 1206.2 | 1212.4 | 1206.2 | 1199.9 | 1168.0 | 1127.5 | 1068.3 |
| 42.5° | 1033.5 | 1093.9 | 1134.4 | 1166.3 | 1172.5 | 1178.8 | 1172.5 | 1166.3 | 1134.4 | 1093.9 | 1033.5 |
| 45° | 975.7 | 1038.0 | 1081.6 | 1115.1 | 1118.2 | 1121.3 | 1118.2 | 1115.1 | 1081.6 | 1038.0 | 975.7 |
| 47.5° | 922.0 | 984.6 | 1025.1 | 1056.2 | 1059.3 | 1062.4 | 1059.3 | 1056.2 | 1025.1 | 984.6 | 922.0 |
| 50° | 881.5 | 945.3 | 985.8 | 1017.0 | 1020.1 | 1023.2 | 1020.1 | 1017.0 | 985.8 | 945.3 | 881.5 |
| 52.5° | 842.8 | 909.2 | 944.7 | 972.1 | 975.2 | 978.3 | 975.2 | 972.1 | 944.7 | 909.2 | 842.8 |
| 55° | 774.0 | 844.1 | 878.3 | 904.0 | 904.0 | 904.0 | 904.0 | 904.0 | 878.3 | 844.1 | 774.0 |
| 57.5° | 702.7 | 774.6 | 804.5 | 827.9 | 831.6 | 835.4 | 831.6 | 827.9 | 804.5 | 774.6 | 702.7 |
| 60° | 654.1 | 727.3 | 752.2 | 772.4 | 778.7 | 784.9 | 778.7 | 772.4 | 752.2 | 727.3 | 654.1 |
| 62.5° | 606.1 | 676.8 | 701.7 | 721.4 | 725.1 | 728.8 | 725.1 | 721.4 | 701.7 | 676.8 | 606.1 |
| 65° | 531.8 | 594.1 | 619.0 | 638.5 | 641.6 | 644.7 | 641.6 | 638.5 | 619.0 | 594.1 | 531.8 |
| 67.5° | 463.6 | 514.7 | 532.1 | 545.9 | 548.3 | 550.8 | 548.3 | 545.9 | 532.1 | 514.7 | 463.6 |
| 70° | 418.1 | 461.8 | 474.2 | 483.6 | 483.6 | 483.6 | 483.6 | 483.6 | 474.2 | 461.8 | 418.1 |
| 72.5° | 364.0 | 400.1 | 412.5 | 422.5 | 425.0 | 427.5 | 425.0 | 422.5 | 412.5 | 400.1 | 364.0 |
| 75° | 286.6 | 313.0 | 322.4 | 330.2 | 333.3 | 336.4 | 333.3 | 330.2 | 322.4 | 313.0 | 286.6 |
| 77.5° | 209.6 | 227.1 | 232.7 | 237.7 | 240.8 | 243.9 | 240.8 | 237.7 | 232.7 | 227.1 | 209.6 |
| 80° | 157.3 | 169.8 | 172.9 | 176.0 | 179.1 | 182.2 | 179.1 | 176.0 | 172.9 | 169.8 | 157.3 |
| 82.5° | 110.6 | 119.3 | 122.4 | 124.9 | 125.5 | 126.1 | 125.5 | 124.9 | 122.4 | 119.3 | 110.6 |
| 85° | 53.0 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 53.0 |
| 87.5° | 12.7 | 13.1 | 13.6 | 13.9 | 14.1 | 14.0 | 14.1 | 13.9 | 13.6 | 13.1 | 12.7 |
| 90° | 7.4 | 9.7 | 11.9 | 13.2 | 14.5 | 13.8 | 14.5 | 13.2 | 11.9 | 9.7 | 7.4 |
| 92.5° | 14.9 | 18.7 | 21.5 | 23.8 | 24.8 | 24.7 | 24.8 | 23.8 | 21.5 | 18.7 | 14.9 |
| 95° | 30.0 | 34.5 | 39.0 | 42.2 | 44.1 | 43.5 | 44.1 | 42.2 | 39.0 | 34.5 | 30.0 |
| 97.5° | 46.2 | 52.2 | 57.3 | 60.3 | 62.2 | 63.5 | 62.2 | 60.3 | 57.3 | 52.2 | 46.2 |
| 100° | 57.0 | 62.8 | 68.6 | 72.1 | 75.4 | 76.7 | 75.4 | 72.1 | 68.6 | 62.8 | 57.0 |
| 102.5° | 65.8 | 73.4 | 79.7 | 83.5 | 86.2 | 87.5 | 86.2 | 83.5 | 79.7 | 73.4 | 65.8 |
| 105° | 80.2 | 88.3 | 95.0 | 99.8 | 102.7 | 103.7 | 102.7 | 99.8 | 95.0 | 88.3 | 80.2 |
| 107.5° | 94.6 | 102.9 | 109.2 | 114.5 | 118.1 | 120.1 | 118.1 | 114.5 | 109.2 | 102.9 | 94.6 |
| 110° | 106.0 | 112.7 | 119.5 | 124.3 | 127.9 | 129.2 | 127.9 | 124.3 | 119.5 | 112.7 | 106.0 |



TEST NUMBER: P1435760

CATALOG NUMBER: SQ2W-FA-K-025U-125D-L930-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 220° | 230° | 240° | 250° | 260° | 270° | 280° | 290° | 300° | 310° | 320° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 115.5 | 123.0 | 129.8 | 134.6 | 138.7 | 140.5 | 138.7 | 134.6 | 129.8 | 123.0 | 115.5 |
| 115° | 128.8 | 138.8 | 144.9 | 149.4 | 152.3 | 154.0 | 152.3 | 149.4 | 144.9 | 138.8 | 128.8 |
| 117.5° | 139.9 | 150.3 | 157.0 | 160.5 | 161.9 | 163.0 | 161.9 | 160.5 | 157.0 | 150.3 | 139.9 |
| 120° | 146.9 | 156.5 | 164.3 | 168.8 | 170.4 | 171.0 | 170.4 | 168.8 | 164.3 | 156.5 | 146.9 |
| 122.5° | 153.3 | 162.5 | 169.9 | 175.5 | 178.1 | 178.8 | 178.1 | 175.5 | 169.9 | 162.5 | 153.3 |
| 125° | 162.3 | 171.0 | 178.8 | 184.2 | 187.1 | 188.7 | 187.1 | 184.2 | 178.8 | 171.0 | 162.3 |
| 127.5° | 170.2 | 179.6 | 186.7 | 191.6 | 194.5 | 195.8 | 194.5 | 191.6 | 186.7 | 179.6 | 170.2 |
| 130° | 174.6 | 184.2 | 191.3 | 196.8 | 199.4 | 200.7 | 199.4 | 196.8 | 191.3 | 184.2 | 174.6 |
| 132.5° | 177.9 | 188.1 | 195.4 | 200.4 | 203.2 | 204.5 | 203.2 | 200.4 | 195.4 | 188.1 | 177.9 |
| 135° | 182.0 | 192.6 | 200.3 | 205.2 | 207.7 | 209.0 | 207.7 | 205.2 | 200.3 | 192.6 | 182.0 |
| 137.5° | 185.5 | 195.2 | 203.2 | 208.3 | 210.6 | 211.5 | 210.6 | 208.3 | 203.2 | 195.2 | 185.5 |
| 140° | 188.1 | 196.5 | 204.5 | 209.4 | 211.9 | 212.3 | 211.9 | 209.4 | 204.5 | 196.5 | 188.1 |
| 142.5° | 191.4 | 198.0 | 205.0 | 209.9 | 212.4 | 213.0 | 212.4 | 209.9 | 205.0 | 198.0 | 191.4 |
| 145° | 197.4 | 201.3 | 206.1 | 210.6 | 212.9 | 213.5 | 212.9 | 210.6 | 206.1 | 201.3 | 197.4 |
| 147.5° | 205.0 | 206.2 | 208.7 | 211.7 | 213.9 | 214.3 | 213.9 | 211.7 | 208.7 | 206.2 | 205.0 |
| 150° | 210.6 | 210.3 | 211.3 | 213.2 | 215.2 | 214.8 | 215.2 | 213.2 | 211.3 | 210.3 | 210.6 |
| 152.5° | 217.1 | 215.2 | 215.2 | 216.1 | 217.0 | 216.9 | 217.0 | 216.1 | 215.2 | 215.2 | 217.1 |
| 155° | 228.0 | 224.5 | 222.6 | 221.9 | 221.9 | 221.6 | 221.9 | 221.9 | 222.6 | 224.5 | 228.0 |
| 157.5° | 240.1 | 235.1 | 232.2 | 230.7 | 230.2 | 229.5 | 230.2 | 230.7 | 232.2 | 235.1 | 240.1 |
| 160° | 248.3 | 242.9 | 240.0 | 237.4 | 236.4 | 235.4 | 236.4 | 237.4 | 240.0 | 242.9 | 248.3 |
| 162.5° | 256.1 | 250.8 | 247.7 | 245.4 | 244.4 | 242.9 | 244.4 | 245.4 | 247.7 | 250.8 | 256.1 |
| 165° | 268.6 | 263.1 | 259.6 | 257.7 | 256.4 | 255.1 | 256.4 | 257.7 | 259.6 | 263.1 | 268.6 |
| 167.5° | 281.2 | 275.2 | 272.9 | 270.7 | 269.5 | 267.1 | 269.5 | 270.7 | 272.9 | 275.2 | 281.2 |
| 170° | 288.9 | 283.4 | 282.1 | 280.2 | 278.0 | 275.4 | 278.0 | 280.2 | 282.1 | 283.4 | 288.9 |
| 172.5° | 295.6 | 291.9 | 290.6 | 288.7 | 288.0 | 285.9 | 288.0 | 288.7 | 290.6 | 291.9 | 295.6 |
| 175° | 305.3 | 302.4 | 302.4 | 302.1 | 301.1 | 299.2 | 301.1 | 302.1 | 302.4 | 302.4 | 305.3 |
| 177.5° | 313.5 | 311.9 | 312.9 | 312.9 | 312.7 | 310.9 | 312.7 | 312.9 | 312.9 | 311.9 | 313.5 |
| 180° | 318.9 | 318.9 | 318.9 | 318.9 | 318.9 | 318.9 | 318.9 | 318.9 | 318.9 | 318.9 | 318.9 |



TEST NUMBER: P1435760

CATALOG NUMBER: SQ2W-FA-K-025U-125D-L930-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 330° | 340° | 350° | 360° |
|--------|--------|--------|--------|--------|
| 0° | 1808.1 | 1808.1 | 1808.1 | 1808.1 |
| 2.5° | 1787.5 | 1796.9 | 1796.9 | 1796.9 |
| 5° | 1721.7 | 1761.4 | 1770.7 | 1780.1 |
| 7.5° | 1591.3 | 1679.8 | 1721.5 | 1763.2 |
| 10° | 1499.7 | 1583.8 | 1667.9 | 1752.0 |
| 12.5° | 1421.2 | 1497.2 | 1616.2 | 1735.2 |
| 15° | 1357.2 | 1421.1 | 1555.0 | 1689.0 |
| 17.5° | 1310.0 | 1351.2 | 1491.3 | 1631.5 |
| 20° | 1298.8 | 1317.5 | 1457.7 | 1597.8 |
| 22.5° | 1278.3 | 1277.7 | 1415.3 | 1553.0 |
| 25° | 1242.8 | 1221.7 | 1343.2 | 1464.7 |
| 27.5° | 1199.8 | 1164.9 | 1260.8 | 1356.8 |
| 30° | 1168.0 | 1127.5 | 1208.5 | 1289.5 |
| 32.5° | 1130.6 | 1088.3 | 1146.8 | 1205.4 |
| 35° | 1079.2 | 1029.4 | 1054.3 | 1079.2 |
| 37.5° | 1029.7 | 969.3 | 961.2 | 953.1 |
| 40° | 990.5 | 925.1 | 897.0 | 869.0 |
| 42.5° | 953.1 | 885.2 | 854.7 | 824.2 |
| 45° | 894.7 | 829.3 | 810.6 | 791.9 |
| 47.5° | 837.2 | 770.3 | 756.6 | 742.9 |
| 50° | 794.3 | 724.2 | 705.5 | 686.8 |
| 52.5° | 745.7 | 670.0 | 658.8 | 647.5 |
| 55° | 668.1 | 591.0 | 600.4 | 609.7 |
| 57.5° | 588.7 | 505.2 | 513.3 | 521.4 |
| 60° | 532.6 | 445.4 | 461.0 | 476.6 |
| 62.5° | 489.6 | 404.9 | 415.5 | 426.1 |
| 65° | 432.2 | 355.9 | 349.6 | 343.4 |
| 67.5° | 378.9 | 310.2 | 289.7 | 269.1 |
| 70° | 343.4 | 280.3 | 252.3 | 224.3 |
| 72.5° | 304.2 | 252.3 | 224.3 | 196.2 |
| 75° | 242.9 | 203.2 | 175.2 | 147.2 |
| 77.5° | 180.3 | 152.6 | 129.6 | 106.5 |
| 80° | 135.5 | 115.2 | 99.7 | 84.1 |
| 82.5° | 96.2 | 82.2 | 69.1 | 56.1 |
| 85° | 46.7 | 40.5 | 34.3 | 28.0 |
| 87.5° | 12.4 | 11.3 | 8.5 | 5.8 |
| 90° | 5.8 | 3.5 | 2.3 | 1.0 |
| 92.5° | 12.5 | 8.7 | 6.1 | 3.5 |
| 95° | 25.1 | 20.0 | 14.2 | 10.0 |
| 97.5° | 40.0 | 31.7 | 26.0 | 19.1 |
| 100° | 48.0 | 39.9 | 34.5 | 27.1 |
| 102.5° | 56.8 | 50.0 | 42.5 | 35.0 |
| 105° | 72.5 | 64.1 | 55.4 | 47.0 |
| 107.5° | 87.0 | 77.8 | 67.4 | 59.8 |
| 110° | 96.3 | 86.3 | 75.4 | 68.6 |



TEST NUMBER: P1435760

CATALOG NUMBER: SQ2W-FA-K-025U-125D-L930-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 330° | 340° | 350° | 360° |
|--------|-------|-------|-------|-------|
| 112.5° | 105.3 | 95.1 | 83.9 | 77.1 |
| 115° | 117.6 | 106.3 | 96.0 | 90.2 |
| 117.5° | 129.3 | 117.8 | 106.9 | 102.3 |
| 120° | 136.6 | 125.0 | 114.3 | 110.8 |
| 122.5° | 142.5 | 131.2 | 121.3 | 119.8 |
| 125° | 151.4 | 139.8 | 131.4 | 133.3 |
| 127.5° | 158.6 | 148.0 | 142.7 | 147.0 |
| 130° | 163.0 | 153.6 | 150.4 | 156.5 |
| 132.5° | 166.8 | 159.6 | 158.1 | 166.6 |
| 135° | 172.6 | 168.5 | 169.7 | 181.3 |
| 137.5° | 179.5 | 177.9 | 182.2 | 196.9 |
| 140° | 183.9 | 184.9 | 191.0 | 207.4 |
| 142.5° | 189.8 | 192.1 | 200.0 | 217.5 |
| 145° | 199.0 | 203.9 | 214.2 | 231.6 |
| 147.5° | 209.5 | 215.7 | 228.5 | 246.3 |
| 150° | 216.4 | 224.5 | 238.0 | 255.1 |
| 152.5° | 224.4 | 232.7 | 246.3 | 263.6 |
| 155° | 236.7 | 246.1 | 260.2 | 275.1 |
| 157.5° | 249.3 | 258.8 | 272.4 | 285.3 |
| 160° | 257.0 | 267.3 | 279.6 | 291.5 |
| 162.5° | 265.8 | 275.3 | 286.0 | 296.6 |
| 165° | 278.6 | 286.3 | 295.0 | 304.0 |
| 167.5° | 289.4 | 295.8 | 302.6 | 309.7 |
| 170° | 296.3 | 301.5 | 307.3 | 312.7 |
| 172.5° | 302.2 | 306.4 | 310.6 | 315.3 |
| 175° | 310.2 | 312.4 | 315.0 | 317.9 |
| 177.5° | 316.3 | 317.1 | 317.8 | 319.1 |
| 180° | 318.9 | 318.9 | 318.9 | 318.9 |

TEST NUMBER: P1435760
 CATALOG NUMBER: SQ2W-FA-K-025U-125D-L930-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 | 20.72 | 21.98 | 21.33 | 22.60 | 23.31 | 21.92 | 23.18 | 22.53 | 23.80 | 24.51 |
| | 3H | 21.84 | 22.97 | 22.47 | 23.60 | 24.35 | 23.19 | 24.32 | 23.82 | 24.96 | 25.70 |
| | 4H | 22.21 | 23.27 | 22.86 | 23.92 | 24.68 | 23.60 | 24.66 | 24.25 | 25.31 | 26.07 |
| | 6H | 22.39 | 23.37 | 23.05 | 24.03 | 24.81 | 23.78 | 24.76 | 24.44 | 25.42 | 26.20 |
| | 8H | 22.44 | 23.37 | 23.11 | 24.05 | 24.83 | 23.82 | 24.75 | 24.49 | 25.43 | 26.21 |
| | 12H | 22.45 | 23.34 | 23.12 | 24.01 | 24.82 | 23.81 | 24.71 | 24.49 | 25.38 | 26.19 |
| 4H | 2H | 21.64 | 22.70 | 22.29 | 23.35 | 24.11 | 22.55 | 23.61 | 23.20 | 24.26 | 25.02 |
| | 3H | 23.06 | 23.95 | 23.72 | 24.63 | 25.41 | 24.05 | 24.94 | 24.71 | 25.62 | 26.40 |
| | 4H | 23.53 | 24.34 | 24.21 | 25.03 | 25.84 | 24.54 | 25.35 | 25.22 | 26.04 | 26.85 |
| | 6H | 23.78 | 24.48 | 24.48 | 25.20 | 26.02 | 24.79 | 25.48 | 25.49 | 26.20 | 27.02 |
| | 8H | 23.85 | 24.50 | 24.56 | 25.21 | 26.05 | 24.84 | 25.50 | 25.55 | 26.21 | 27.04 |
| | 12H | 23.87 | 24.46 | 24.60 | 25.19 | 26.03 | 24.85 | 25.44 | 25.58 | 26.17 | 27.01 |
| 8H | 4H | 23.95 | 24.60 | 24.65 | 25.31 | 26.14 | 24.77 | 25.42 | 25.47 | 26.13 | 26.96 |
| | 6H | 24.31 | 24.85 | 25.05 | 25.61 | 26.44 | 25.10 | 25.64 | 25.84 | 26.39 | 27.23 |
| | 8H | 24.44 | 24.92 | 25.18 | 25.67 | 26.52 | 25.20 | 25.68 | 25.95 | 26.44 | 27.29 |
| | 12H | 24.49 | 24.91 | 25.24 | 25.66 | 26.57 | 25.23 | 25.66 | 25.98 | 26.40 | 27.31 |
| 12H | 4H | 23.97 | 24.55 | 24.69 | 25.29 | 26.13 | 24.76 | 25.34 | 25.48 | 26.08 | 26.92 |
| | 6H | 24.39 | 24.87 | 25.14 | 25.63 | 26.48 | 25.12 | 25.60 | 25.87 | 26.36 | 27.21 |
| | 8H | 24.55 | 24.98 | 25.30 | 25.72 | 26.63 | 25.25 | 25.68 | 26.00 | 26.42 | 27.34 |