

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: P1436048

Luminaire Tested: SQ2W-FB-K-150U-125D-L930-UNV-STD-W-WM-4

Issue Date: 3/24/2026

Test Information

Test Method: LM-79-2019
Report Number: P1436048
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2303-941-3, G2-2308-131-12)
Test Lab: INNOVATION CENTER
Issue Date: 3/24/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ2W-FB-K-150U-125D-L930-UNV-STD-W-WM-4
Description: CORELITE SQ2W WALL MOUNTED LED LUMINAIRE
DOWNLIGHT - FROSTED CONTINUOUS BATWING ROLL LENS
UPLIGHT - ASYMMETRIC ROLL LENS
DOWNLIGHT 1250 LUMENS PER FOOT
UPLIGHT 1500 LUMENS PER FOOT
Light Source: 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

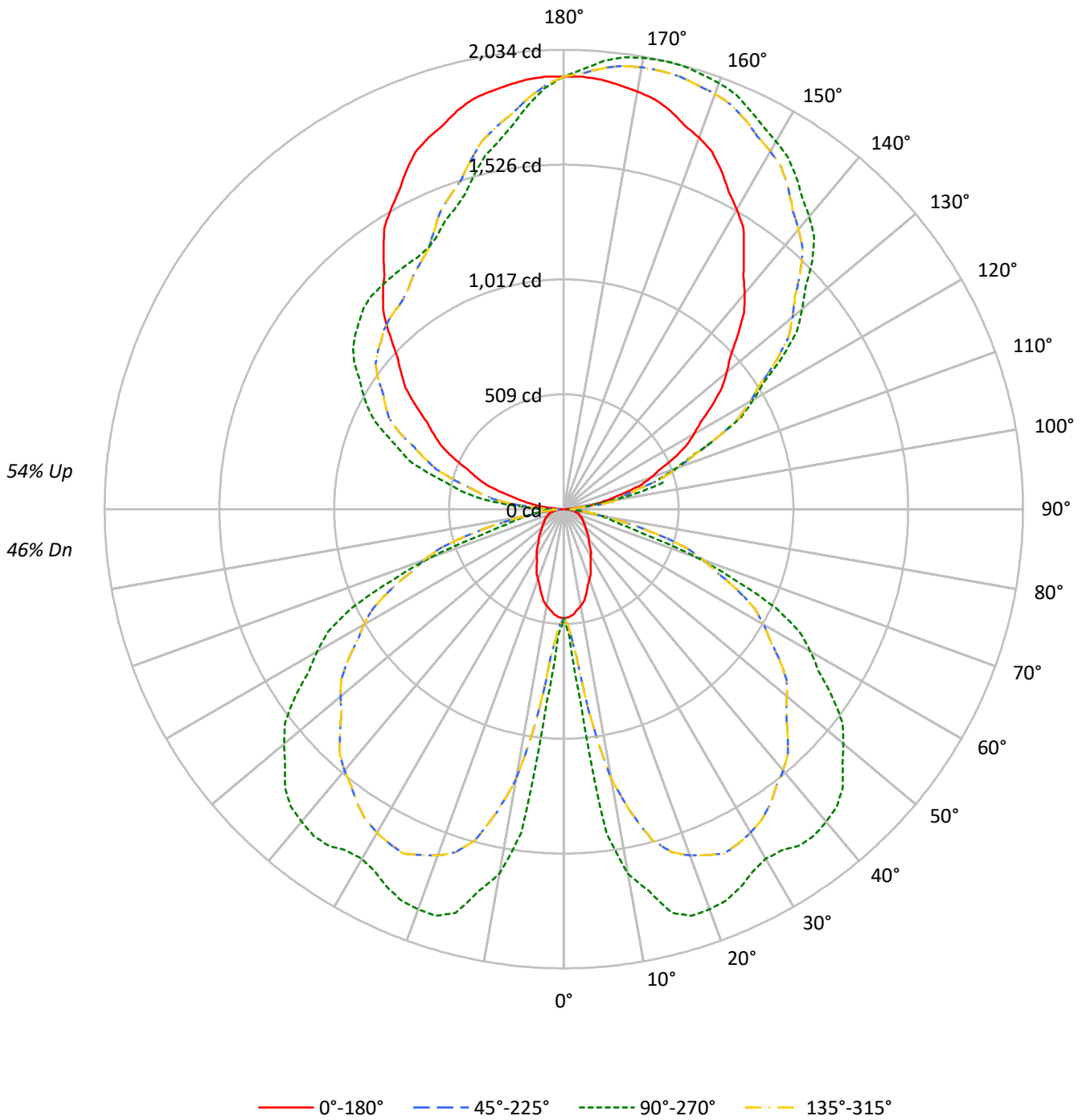
Lumens per Lamp: N/A
Luminaire Lumens: 10372.0 lumens
Efficiency: N/A
Efficacy: 99.4 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 2.98 / 2.52
Luminous Opening: Rectangular (W 0.17' x L: 4' x H: 0')
CIE Type: General Diffuse

Input Watts (W): 104.3
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: P1436048

CATALOG NUMBER: SQ2W-FB-K-150U-125D-L930-UNV-STD-W-WM-4

Luminous Intensity Polar Plot





TEST NUMBER: P1436048

CATALOG NUMBER: SQ2W-FB-K-150U-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 | 0 |
| RCR | | | | | | | | | | | | | | | | | | |
| 0 | 106 | 106 | 106 | 106 | 97 | 97 | 97 | 97 | 81 | 81 | 81 | 66 | 66 | 66 | 53 | 53 | 53 | 46 |
| 1 | 97 | 92 | 88 | 85 | 89 | 85 | 82 | 78 | 71 | 68 | 66 | 58 | 56 | 55 | 46 | 45 | 44 | 38 |
| 2 | 88 | 80 | 74 | 69 | 80 | 74 | 68 | 64 | 62 | 58 | 54 | 50 | 48 | 45 | 40 | 38 | 36 | 32 |
| 3 | 80 | 70 | 63 | 57 | 73 | 65 | 58 | 53 | 54 | 49 | 45 | 44 | 41 | 38 | 35 | 33 | 31 | 26 |
| 4 | 73 | 62 | 54 | 47 | 66 | 57 | 50 | 44 | 48 | 42 | 38 | 39 | 35 | 32 | 31 | 28 | 26 | 22 |
| 5 | 66 | 55 | 46 | 40 | 61 | 50 | 43 | 38 | 42 | 37 | 32 | 35 | 30 | 27 | 28 | 25 | 22 | 19 |
| 6 | 61 | 49 | 40 | 35 | 56 | 45 | 38 | 32 | 38 | 32 | 28 | 31 | 27 | 23 | 25 | 22 | 19 | 16 |
| 7 | 56 | 44 | 36 | 30 | 51 | 40 | 33 | 28 | 34 | 28 | 24 | 28 | 24 | 20 | 22 | 19 | 17 | 14 |
| 8 | 52 | 39 | 32 | 26 | 47 | 36 | 29 | 25 | 31 | 25 | 21 | 25 | 21 | 18 | 20 | 17 | 15 | 12 |
| 9 | 48 | 36 | 28 | 23 | 44 | 33 | 26 | 22 | 28 | 23 | 19 | 23 | 19 | 16 | 19 | 16 | 13 | 11 |
| 10 | 45 | 33 | 25 | 20 | 41 | 30 | 24 | 19 | 26 | 20 | 17 | 21 | 17 | 14 | 17 | 14 | 12 | 10 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|------|-------|------|-------|
| 0° | 7800 | 7800 | 7800 | 7800 |
| 5° | 7604 | 13817 | 7604 | 13817 |
| 10° | 7122 | 26886 | 7122 | 26886 |
| 15° | 6445 | 30945 | 6445 | 30945 |
| 20° | 5708 | 32406 | 5708 | 32406 |
| 25° | 5049 | 32937 | 5049 | 32937 |
| 30° | 4459 | 33345 | 4459 | 33345 |
| 35° | 3983 | 35847 | 3983 | 35847 |
| 40° | 3623 | 38087 | 3623 | 38087 |
| 45° | 3341 | 39883 | 3341 | 39883 |
| 50° | 3150 | 40608 | 3150 | 40608 |
| 55° | 3074 | 40931 | 3074 | 40931 |
| 60° | 3152 | 40729 | 3152 | 40729 |
| 65° | 3282 | 39579 | 3282 | 39579 |
| 70° | 3399 | 29934 | 3399 | 29934 |
| 75° | 3768 | 16519 | 3768 | 16519 |
| 80° | 3887 | 15332 | 3887 | 15332 |
| 85° | 3872 | 6447 | 3872 | 6447 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
 Vertical Angle: 52.5°
 Luminance: 41300 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 80.9 | 0.8 |
| 10°-20° | 369.3 | 3.6 |
| 20°-30° | 649.9 | 6.3 |
| 30°-40° | 841.3 | 8.1 |
| 40°-50° | 927.9 | 8.9 |
| 50°-60° | 866.0 | 8.3 |
| 60°-70° | 669.0 | 6.5 |
| 70°-80° | 308.4 | 3.0 |
| 80°-90° | 66.9 | 0.6 |
| 90°-100° | 152.4 | 1.5 |
| 100°-110° | 444.5 | 4.3 |
| 110°-120° | 725.4 | 7.0 |
| 120°-130° | 920.5 | 8.9 |
| 130°-140° | 985.0 | 9.5 |
| 140°-150° | 919.8 | 8.9 |
| 150°-160° | 756.8 | 7.3 |
| 160°-170° | 507.6 | 4.9 |
| 170°-180° | 180.2 | 1.7 |
| 0°-30° | 1100.2 | 10.6 |
| 0°-40° | 1941.5 | 18.7 |
| 0°-60° | 3735.4 | 36.0 |
| 0°-90° | 4779.7 | 46.1 |
| 90°-120° | 1322.4 | 12.7 |
| 90°-150° | 4147.7 | 40.0 |
| 90°-180° | 5592.0 | 53.9 |
| 0°-180° | 10372.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 483 | 483 | 483 | 483 | 483 | |
| 5° | 469 | 852 | 469 | 852 | 469 | 44 |
| 15° | 386 | 1851 | 386 | 1851 | 386 | 107 |
| 25° | 283 | 1849 | 283 | 1849 | 283 | 130 |
| 35° | 202 | 1819 | 202 | 1819 | 202 | 127 |
| 45° | 146 | 1747 | 146 | 1747 | 146 | 113 |
| 55° | 109 | 1454 | 109 | 1454 | 109 | 98 |
| 65° | 86 | 1036 | 86 | 1036 | 86 | 84 |
| 75° | 60 | 265 | 60 | 265 | 60 | 62 |
| 85° | 21 | 35 | 21 | 35 | 21 | 22 |
| 90° | 6 | 43 | 6 | 83 | 6 | 6 |
| 95° | 60 | 44 | 60 | 261 | 60 | 72 |
| 105° | 282 | 453 | 282 | 623 | 282 | 300 |
| 115° | 542 | 751 | 542 | 925 | 542 | 534 |
| 125° | 801 | 1190 | 801 | 1134 | 801 | 717 |
| 135° | 1089 | 1557 | 1089 | 1256 | 1089 | 842 |
| 145° | 1391 | 1795 | 1391 | 1283 | 1391 | 870 |
| 155° | 1652 | 1950 | 1652 | 1331 | 1652 | 759 |
| 165° | 1826 | 2033 | 1826 | 1532 | 1826 | 514 |
| 175° | 1910 | 1991 | 1910 | 1797 | 1910 | 181 |
| 180° | 1915 | 1915 | 1915 | 1915 | 1915 | |



TEST NUMBER: P1436048

CATALOG NUMBER: SQ2W-FB-K-150U-125D-L930-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 30° | 40° | 50° | 60° | 70° | 80° | 90° | 100° |
|--------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 483.1 | 483.1 | 483.1 | 483.1 | 483.1 | 483.1 | 483.1 | 483.1 | 483.1 | 483.1 | 483.1 |
| 2.5° | 479.4 | 488.5 | 497.6 | 507.3 | 517.2 | 527.9 | 539.5 | 549.4 | 554.4 | 559.3 | 554.4 |
| 5° | 469.2 | 500.2 | 531.1 | 576.1 | 625.6 | 681.9 | 744.8 | 798.8 | 825.6 | 852.5 | 825.6 |
| 7.5° | 451.1 | 514.1 | 577.0 | 710.5 | 867.4 | 1030.3 | 1199.2 | 1339.3 | 1393.0 | 1446.6 | 1393.0 |
| 10° | 434.4 | 522.1 | 609.9 | 836.2 | 1108.7 | 1318.3 | 1464.9 | 1582.1 | 1611.0 | 1639.9 | 1611.0 |
| 12.5° | 415.8 | 534.9 | 654.0 | 933.5 | 1266.3 | 1484.1 | 1586.9 | 1671.5 | 1701.2 | 1730.9 | 1701.2 |
| 15° | 385.6 | 555.9 | 726.3 | 1042.2 | 1406.6 | 1630.6 | 1714.2 | 1785.2 | 1818.2 | 1851.3 | 1818.2 |
| 17.5° | 354.5 | 581.2 | 807.9 | 1130.1 | 1484.2 | 1702.7 | 1785.5 | 1852.0 | 1870.0 | 1888.0 | 1870.0 |
| 20° | 332.2 | 598.5 | 864.9 | 1187.7 | 1529.4 | 1735.9 | 1807.1 | 1863.4 | 1874.8 | 1886.1 | 1874.8 |
| 22.5° | 311.7 | 609.4 | 907.2 | 1230.5 | 1562.3 | 1755.1 | 1809.0 | 1852.5 | 1864.6 | 1876.8 | 1864.6 |
| 25° | 283.4 | 618.9 | 954.4 | 1276.8 | 1594.7 | 1770.7 | 1804.8 | 1832.4 | 1840.7 | 1848.9 | 1840.7 |
| 27.5° | 256.0 | 610.5 | 965.0 | 1283.3 | 1589.5 | 1753.7 | 1776.0 | 1794.7 | 1802.8 | 1810.9 | 1802.8 |
| 30° | 239.2 | 599.5 | 959.8 | 1275.2 | 1575.6 | 1734.1 | 1750.6 | 1765.8 | 1777.2 | 1788.6 | 1777.2 |
| 32.5° | 224.4 | 586.3 | 948.3 | 1259.7 | 1554.4 | 1709.5 | 1725.2 | 1743.1 | 1767.7 | 1792.3 | 1767.7 |
| 35° | 202.1 | 558.2 | 914.4 | 1222.6 | 1514.7 | 1673.2 | 1698.0 | 1727.9 | 1773.3 | 1818.7 | 1773.3 |
| 37.5° | 183.0 | 522.3 | 861.5 | 1166.5 | 1460.1 | 1632.8 | 1684.6 | 1734.5 | 1778.2 | 1822.0 | 1778.2 |
| 40° | 171.9 | 497.1 | 822.3 | 1125.0 | 1420.3 | 1602.5 | 1671.6 | 1732.8 | 1770.0 | 1807.1 | 1770.0 |
| 42.5° | 160.7 | 468.6 | 776.4 | 1076.7 | 1374.4 | 1563.7 | 1644.4 | 1714.2 | 1751.4 | 1788.6 | 1751.4 |
| 45° | 146.3 | 423.0 | 699.7 | 997.3 | 1301.8 | 1501.6 | 1596.5 | 1676.5 | 1711.6 | 1746.7 | 1711.6 |
| 47.5° | 132.9 | 373.2 | 613.5 | 912.4 | 1230.8 | 1440.3 | 1541.1 | 1623.1 | 1648.7 | 1674.3 | 1648.7 |
| 50° | 125.4 | 340.2 | 554.9 | 854.8 | 1183.1 | 1396.8 | 1495.9 | 1575.4 | 1596.0 | 1616.7 | 1596.0 |
| 52.5° | 118.0 | 308.0 | 497.9 | 798.4 | 1135.8 | 1351.1 | 1444.5 | 1519.2 | 1538.2 | 1557.2 | 1538.2 |
| 55° | 109.2 | 264.0 | 418.9 | 716.2 | 1061.0 | 1274.2 | 1355.7 | 1421.0 | 1437.6 | 1454.1 | 1437.6 |
| 57.5° | 101.3 | 226.2 | 351.1 | 639.1 | 981.4 | 1187.4 | 1256.9 | 1312.5 | 1325.9 | 1339.3 | 1325.9 |
| 60° | 97.6 | 206.0 | 314.4 | 590.8 | 923.2 | 1120.9 | 1183.9 | 1234.4 | 1247.9 | 1261.3 | 1247.9 |
| 62.5° | 92.0 | 186.3 | 280.7 | 542.4 | 860.0 | 1047.8 | 1105.8 | 1152.5 | 1165.1 | 1177.7 | 1165.1 |
| 65° | 85.9 | 162.3 | 238.7 | 474.6 | 763.7 | 932.5 | 981.0 | 1019.4 | 1027.7 | 1036.0 | 1027.7 |
| 67.5° | 77.6 | 142.4 | 207.2 | 412.5 | 664.6 | 805.8 | 835.9 | 854.6 | 839.1 | 823.7 | 839.1 |
| 70° | 72.0 | 131.9 | 191.8 | 374.7 | 598.8 | 715.9 | 726.3 | 722.9 | 678.5 | 634.1 | 678.5 |
| 72.5° | 68.3 | 121.6 | 174.8 | 333.2 | 526.7 | 612.1 | 589.4 | 551.3 | 467.3 | 383.3 | 467.3 |
| 75° | 60.4 | 103.8 | 147.1 | 266.3 | 410.9 | 433.6 | 334.5 | 260.7 | 262.7 | 264.8 | 262.7 |
| 77.5° | 49.2 | 81.7 | 114.1 | 187.4 | 274.3 | 291.5 | 239.1 | 200.2 | 202.1 | 203.9 | 202.1 |
| 80° | 41.8 | 67.6 | 93.4 | 122.3 | 152.3 | 166.2 | 164.1 | 162.9 | 163.9 | 164.9 | 163.9 |
| 82.5° | 34.4 | 53.6 | 72.8 | 90.1 | 106.8 | 116.2 | 118.3 | 119.5 | 118.0 | 116.6 | 118.0 |
| 85° | 20.9 | 32.3 | 43.6 | 50.3 | 55.5 | 53.9 | 45.7 | 39.0 | 36.9 | 34.8 | 36.9 |
| 87.5° | 8.6 | 14.3 | 20.3 | 20.4 | 18.3 | 17.0 | 17.0 | 17.4 | 17.8 | 17.8 | 17.8 |
| 90° | 5.8 | 13.5 | 23.2 | 31.0 | 36.8 | 38.7 | 38.7 | 40.6 | 42.6 | 42.6 | 42.6 |
| 92.5° | 21.3 | 33.7 | 34.0 | 34.0 | 41.4 | 44.9 | 48.0 | 48.4 | 50.3 | 50.3 | 50.3 |
| 95° | 60.0 | 65.8 | 98.7 | 96.7 | 65.8 | 52.2 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 |
| 97.5° | 114.5 | 123.0 | 128.5 | 172.2 | 181.9 | 175.7 | 143.2 | 120.3 | 107.6 | 101.8 | 107.6 |
| 100° | 162.5 | 166.4 | 178.0 | 179.9 | 228.3 | 274.7 | 251.5 | 222.5 | 212.8 | 207.0 | 212.8 |
| 102.5° | 210.5 | 212.8 | 230.6 | 238.7 | 250.0 | 276.3 | 356.7 | 347.8 | 341.3 | 340.1 | 341.3 |
| 105° | 282.5 | 284.4 | 317.3 | 332.8 | 340.5 | 340.5 | 338.6 | 377.3 | 439.2 | 452.7 | 439.2 |
| 107.5° | 359.5 | 368.4 | 407.0 | 448.4 | 457.3 | 459.7 | 449.6 | 443.8 | 441.5 | 443.0 | 441.5 |
| 110° | 412.1 | 425.6 | 472.1 | 524.3 | 537.8 | 541.7 | 537.8 | 532.0 | 528.2 | 528.2 | 528.2 |



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CANDELA DISTRIBUTION (continued):

| | 0° | 10° | 20° | 30° | 40° | 50° | 60° | 70° | 80° | 90° | 100° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 463.2 | 482.9 | 535.5 | 595.5 | 618.3 | 629.9 | 621.4 | 617.2 | 613.3 | 616.4 | 613.3 |
| 115° | 541.7 | 570.7 | 640.4 | 702.3 | 748.7 | 754.5 | 752.6 | 752.6 | 750.6 | 750.6 | 750.6 |
| 117.5° | 614.4 | 660.9 | 739.0 | 811.0 | 864.8 | 880.3 | 888.0 | 885.7 | 883.4 | 887.2 | 883.4 |
| 120° | 665.5 | 719.7 | 808.7 | 889.9 | 942.2 | 965.4 | 973.1 | 969.3 | 973.1 | 969.3 | 973.1 |
| 122.5° | 719.7 | 786.2 | 873.7 | 958.0 | 1019.6 | 1045.9 | 1055.2 | 1055.9 | 1056.7 | 1054.4 | 1056.7 |
| 125° | 800.9 | 882.2 | 984.7 | 1071.8 | 1135.6 | 1166.6 | 1174.3 | 1176.3 | 1180.1 | 1189.8 | 1180.1 |
| 127.5° | 883.0 | 975.1 | 1087.7 | 1171.6 | 1237.0 | 1274.5 | 1286.5 | 1290.8 | 1298.9 | 1303.2 | 1298.9 |
| 130° | 940.2 | 1044.7 | 1158.8 | 1238.2 | 1302.0 | 1342.6 | 1363.9 | 1369.7 | 1379.4 | 1377.5 | 1379.4 |
| 132.5° | 1000.6 | 1109.7 | 1225.4 | 1307.8 | 1367.0 | 1410.7 | 1428.9 | 1445.6 | 1449.0 | 1451.8 | 1449.0 |
| 135° | 1089.2 | 1207.2 | 1323.3 | 1404.5 | 1460.7 | 1503.2 | 1526.4 | 1541.9 | 1551.6 | 1557.4 | 1551.6 |
| 137.5° | 1182.5 | 1307.0 | 1418.5 | 1490.8 | 1547.3 | 1584.1 | 1610.4 | 1626.6 | 1636.7 | 1641.3 | 1636.7 |
| 140° | 1245.9 | 1365.9 | 1474.2 | 1549.6 | 1599.9 | 1636.7 | 1659.9 | 1679.3 | 1690.9 | 1690.9 | 1690.9 |
| 142.5° | 1306.3 | 1424.7 | 1529.9 | 1605.4 | 1649.5 | 1683.1 | 1707.9 | 1722.6 | 1735.8 | 1735.8 | 1735.8 |
| 145° | 1391.0 | 1509.0 | 1605.8 | 1681.2 | 1718.0 | 1748.9 | 1776.0 | 1787.6 | 1795.3 | 1795.3 | 1795.3 |
| 147.5° | 1479.6 | 1584.1 | 1672.3 | 1744.7 | 1775.6 | 1812.0 | 1833.3 | 1842.6 | 1852.2 | 1848.0 | 1852.2 |
| 150° | 1532.2 | 1629.0 | 1714.1 | 1781.8 | 1812.8 | 1847.6 | 1868.9 | 1876.6 | 1886.3 | 1880.5 | 1886.3 |
| 152.5° | 1583.3 | 1675.4 | 1752.8 | 1815.9 | 1842.2 | 1877.0 | 1901.4 | 1909.1 | 1915.7 | 1911.4 | 1915.7 |
| 155° | 1652.2 | 1733.4 | 1805.0 | 1863.1 | 1886.3 | 1919.2 | 1942.4 | 1952.1 | 1959.8 | 1950.1 | 1959.8 |
| 157.5° | 1713.7 | 1783.7 | 1846.0 | 1899.4 | 1924.2 | 1952.4 | 1974.1 | 1986.1 | 1993.8 | 1989.6 | 1993.8 |
| 160° | 1750.8 | 1814.7 | 1870.8 | 1921.1 | 1944.3 | 1969.5 | 1992.7 | 2006.2 | 2014.0 | 2008.2 | 2014.0 |
| 162.5° | 1781.8 | 1839.5 | 1892.5 | 1938.1 | 1958.2 | 1980.3 | 2008.2 | 2020.2 | 2027.9 | 2020.5 | 2027.9 |
| 165° | 1826.3 | 1872.7 | 1919.2 | 1957.9 | 1975.3 | 1992.7 | 2021.7 | 2035.2 | 2041.0 | 2033.3 | 2041.0 |
| 167.5° | 1860.0 | 1895.6 | 1933.1 | 1966.4 | 1979.1 | 1996.2 | 2025.2 | 2036.4 | 2043.8 | 2034.1 | 2043.8 |
| 170° | 1878.5 | 1909.5 | 1942.4 | 1969.5 | 1979.1 | 1994.6 | 2023.6 | 2033.3 | 2039.1 | 2029.4 | 2039.1 |
| 172.5° | 1894.0 | 1917.2 | 1943.9 | 1967.9 | 1972.9 | 1985.3 | 2012.8 | 2022.5 | 2026.7 | 2018.6 | 2026.7 |
| 175° | 1909.5 | 1923.0 | 1942.4 | 1957.9 | 1955.9 | 1963.7 | 1986.9 | 1994.6 | 2002.4 | 1990.7 | 2002.4 |
| 177.5° | 1916.8 | 1923.0 | 1929.2 | 1938.5 | 1932.3 | 1932.3 | 1949.3 | 1954.0 | 1955.5 | 1949.3 | 1955.5 |
| 180° | 1915.3 | 1915.3 | 1915.3 | 1915.3 | 1915.3 | 1915.3 | 1915.3 | 1915.3 | 1915.3 | 1915.3 | 1915.3 |



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CATALOG NUMBER: SQ2W-FB-K-150U-125D-L930-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 110° | 120° | 130° | 140° | 150° | 160° | 170° | 180° | 190° | 200° | 210° |
|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|--------|
| 0° | 483.1 | 483.1 | 483.1 | 483.1 | 483.1 | 483.1 | 483.1 | 483.1 | 483.1 | 483.1 | 483.1 |
| 2.5° | 549.4 | 539.5 | 527.9 | 517.2 | 507.3 | 497.6 | 488.5 | 479.4 | 488.5 | 497.6 | 507.3 |
| 5° | 798.8 | 744.8 | 681.9 | 625.6 | 576.1 | 531.1 | 500.2 | 469.2 | 500.2 | 531.1 | 576.1 |
| 7.5° | 1339.3 | 1199.2 | 1030.3 | 867.4 | 710.5 | 577.0 | 514.1 | 451.1 | 514.1 | 577.0 | 710.5 |
| 10° | 1582.1 | 1464.9 | 1318.3 | 1108.7 | 836.2 | 609.9 | 522.1 | 434.4 | 522.1 | 609.9 | 836.2 |
| 12.5° | 1671.5 | 1586.9 | 1484.1 | 1266.3 | 933.5 | 654.0 | 534.9 | 415.8 | 534.9 | 654.0 | 933.5 |
| 15° | 1785.2 | 1714.2 | 1630.6 | 1406.6 | 1042.2 | 726.3 | 555.9 | 385.6 | 555.9 | 726.3 | 1042.2 |
| 17.5° | 1852.0 | 1785.5 | 1702.7 | 1484.2 | 1130.1 | 807.9 | 581.2 | 354.5 | 581.2 | 807.9 | 1130.1 |
| 20° | 1863.4 | 1807.1 | 1735.9 | 1529.4 | 1187.7 | 864.9 | 598.5 | 332.2 | 598.5 | 864.9 | 1187.7 |
| 22.5° | 1852.5 | 1809.0 | 1755.1 | 1562.3 | 1230.5 | 907.2 | 609.4 | 311.7 | 609.4 | 907.2 | 1230.5 |
| 25° | 1832.4 | 1804.8 | 1770.7 | 1594.7 | 1276.8 | 954.4 | 618.9 | 283.4 | 618.9 | 954.4 | 1276.8 |
| 27.5° | 1794.7 | 1776.0 | 1753.7 | 1589.5 | 1283.3 | 965.0 | 610.5 | 256.0 | 610.5 | 965.0 | 1283.3 |
| 30° | 1765.8 | 1750.6 | 1734.1 | 1575.6 | 1275.2 | 959.8 | 599.5 | 239.2 | 599.5 | 959.8 | 1275.2 |
| 32.5° | 1743.1 | 1725.2 | 1709.5 | 1554.4 | 1259.7 | 948.3 | 586.3 | 224.4 | 586.3 | 948.3 | 1259.7 |
| 35° | 1727.9 | 1698.0 | 1673.2 | 1514.7 | 1222.6 | 914.4 | 558.2 | 202.1 | 558.2 | 914.4 | 1222.6 |
| 37.5° | 1734.5 | 1684.6 | 1632.8 | 1460.1 | 1166.5 | 861.5 | 522.3 | 183.0 | 522.3 | 861.5 | 1166.5 |
| 40° | 1732.8 | 1671.6 | 1602.5 | 1420.3 | 1125.0 | 822.3 | 497.1 | 171.9 | 497.1 | 822.3 | 1125.0 |
| 42.5° | 1714.2 | 1644.4 | 1563.7 | 1374.4 | 1076.7 | 776.4 | 468.6 | 160.7 | 468.6 | 776.4 | 1076.7 |
| 45° | 1676.5 | 1596.5 | 1501.6 | 1301.8 | 997.3 | 699.7 | 423.0 | 146.3 | 423.0 | 699.7 | 997.3 |
| 47.5° | 1623.1 | 1541.1 | 1440.3 | 1230.8 | 912.4 | 613.5 | 373.2 | 132.9 | 373.2 | 613.5 | 912.4 |
| 50° | 1575.4 | 1495.9 | 1396.8 | 1183.1 | 854.8 | 554.9 | 340.2 | 125.4 | 340.2 | 554.9 | 854.8 |
| 52.5° | 1519.2 | 1444.5 | 1351.1 | 1135.8 | 798.4 | 497.9 | 308.0 | 118.0 | 308.0 | 497.9 | 798.4 |
| 55° | 1421.0 | 1355.7 | 1274.2 | 1061.0 | 716.2 | 418.9 | 264.0 | 109.2 | 264.0 | 418.9 | 716.2 |
| 57.5° | 1312.5 | 1256.9 | 1187.4 | 981.4 | 639.1 | 351.1 | 226.2 | 101.3 | 226.2 | 351.1 | 639.1 |
| 60° | 1234.4 | 1183.9 | 1120.9 | 923.2 | 590.8 | 314.4 | 206.0 | 97.6 | 206.0 | 314.4 | 590.8 |
| 62.5° | 1152.5 | 1105.8 | 1047.8 | 860.0 | 542.4 | 280.7 | 186.3 | 92.0 | 186.3 | 280.7 | 542.4 |
| 65° | 1019.4 | 981.0 | 932.5 | 763.7 | 474.6 | 238.7 | 162.3 | 85.9 | 162.3 | 238.7 | 474.6 |
| 67.5° | 854.6 | 835.9 | 805.8 | 664.6 | 412.5 | 207.2 | 142.4 | 77.6 | 142.4 | 207.2 | 412.5 |
| 70° | 722.9 | 726.3 | 715.9 | 598.8 | 374.7 | 191.8 | 131.9 | 72.0 | 131.9 | 191.8 | 374.7 |
| 72.5° | 551.3 | 589.4 | 612.1 | 526.7 | 333.2 | 174.8 | 121.6 | 68.3 | 121.6 | 174.8 | 333.2 |
| 75° | 260.7 | 334.5 | 433.6 | 410.9 | 266.3 | 147.1 | 103.8 | 60.4 | 103.8 | 147.1 | 266.3 |
| 77.5° | 200.2 | 239.1 | 291.5 | 274.3 | 187.4 | 114.1 | 81.7 | 49.2 | 81.7 | 114.1 | 187.4 |
| 80° | 162.9 | 164.1 | 166.2 | 152.3 | 122.3 | 93.4 | 67.6 | 41.8 | 67.6 | 93.4 | 122.3 |
| 82.5° | 119.5 | 118.3 | 116.2 | 106.8 | 90.1 | 72.8 | 53.6 | 34.4 | 53.6 | 72.8 | 90.1 |
| 85° | 39.0 | 45.7 | 53.9 | 55.5 | 50.3 | 43.6 | 32.3 | 20.9 | 32.3 | 43.6 | 50.3 |
| 87.5° | 17.4 | 17.0 | 17.0 | 18.3 | 20.4 | 20.3 | 14.3 | 8.6 | 14.3 | 19.9 | 21.2 |
| 90° | 40.6 | 38.7 | 38.7 | 36.8 | 31.0 | 23.2 | 13.5 | 5.8 | 13.5 | 21.3 | 34.8 |
| 92.5° | 48.4 | 48.0 | 44.9 | 41.4 | 34.0 | 34.0 | 33.7 | 21.3 | 36.8 | 52.2 | 75.1 |
| 95° | 44.5 | 44.5 | 52.2 | 65.8 | 96.7 | 98.7 | 65.8 | 60.0 | 85.1 | 119.9 | 150.9 |
| 97.5° | 120.3 | 143.2 | 175.7 | 181.9 | 172.2 | 128.5 | 123.0 | 114.5 | 155.9 | 190.4 | 240.3 |
| 100° | 222.5 | 251.5 | 274.7 | 228.3 | 179.9 | 178.0 | 166.4 | 162.5 | 207.0 | 239.9 | 288.3 |
| 102.5° | 347.8 | 356.7 | 276.3 | 250.0 | 238.7 | 230.6 | 212.8 | 210.5 | 255.0 | 300.3 | 340.9 |
| 105° | 377.3 | 338.6 | 340.5 | 340.5 | 332.8 | 317.3 | 284.4 | 282.5 | 332.8 | 385.0 | 435.3 |
| 107.5° | 443.8 | 449.6 | 459.7 | 457.3 | 448.4 | 407.0 | 368.4 | 359.5 | 404.7 | 467.4 | 522.7 |
| 110° | 532.0 | 537.8 | 541.7 | 537.8 | 524.3 | 472.1 | 425.6 | 412.1 | 452.7 | 518.5 | 578.5 |



TEST NUMBER: P1436048

CATALOG NUMBER: SQ2W-FB-K-150U-125D-L930-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 110° | 120° | 130° | 140° | 150° | 160° | 170° | 180° | 190° | 200° | 210° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 617.2 | 621.4 | 629.9 | 618.3 | 595.5 | 535.5 | 482.9 | 463.2 | 503.8 | 571.1 | 632.6 |
| 115° | 752.6 | 752.6 | 754.5 | 748.7 | 702.3 | 640.4 | 570.7 | 541.7 | 576.5 | 638.4 | 706.1 |
| 117.5° | 885.7 | 888.0 | 880.3 | 864.8 | 811.0 | 739.0 | 660.9 | 614.4 | 641.9 | 707.3 | 777.0 |
| 120° | 969.3 | 973.1 | 965.4 | 942.2 | 889.9 | 808.7 | 719.7 | 665.5 | 686.8 | 750.6 | 820.3 |
| 122.5° | 1055.9 | 1055.2 | 1045.9 | 1019.6 | 958.0 | 873.7 | 786.2 | 719.7 | 728.6 | 787.8 | 855.9 |
| 125° | 1176.3 | 1174.3 | 1166.6 | 1135.6 | 1071.8 | 984.7 | 882.2 | 800.9 | 789.3 | 839.6 | 909.3 |
| 127.5° | 1290.8 | 1286.5 | 1274.5 | 1237.0 | 1171.6 | 1087.7 | 975.1 | 883.0 | 857.0 | 888.8 | 952.6 |
| 130° | 1369.7 | 1363.9 | 1342.6 | 1302.0 | 1238.2 | 1158.8 | 1044.7 | 940.2 | 903.5 | 922.8 | 978.9 |
| 132.5° | 1445.6 | 1428.9 | 1410.7 | 1367.0 | 1307.8 | 1225.4 | 1109.7 | 1000.6 | 949.9 | 958.4 | 1002.1 |
| 135° | 1541.9 | 1526.4 | 1503.2 | 1460.7 | 1404.5 | 1323.3 | 1207.2 | 1089.2 | 1019.6 | 1011.8 | 1037.0 |
| 137.5° | 1626.6 | 1610.4 | 1584.1 | 1547.3 | 1490.8 | 1418.5 | 1307.0 | 1182.5 | 1094.6 | 1068.7 | 1078.4 |
| 140° | 1679.3 | 1659.9 | 1636.7 | 1599.9 | 1549.6 | 1474.2 | 1365.9 | 1245.9 | 1147.2 | 1110.5 | 1104.7 |
| 142.5° | 1722.6 | 1707.9 | 1683.1 | 1649.5 | 1605.4 | 1529.9 | 1424.7 | 1306.3 | 1201.4 | 1153.8 | 1140.3 |
| 145° | 1787.6 | 1776.0 | 1748.9 | 1718.0 | 1681.2 | 1605.8 | 1509.0 | 1391.0 | 1286.5 | 1224.6 | 1195.6 |
| 147.5° | 1842.6 | 1833.3 | 1812.0 | 1775.6 | 1744.7 | 1672.3 | 1584.1 | 1479.6 | 1372.4 | 1295.8 | 1258.3 |
| 150° | 1876.6 | 1868.9 | 1847.6 | 1812.8 | 1781.8 | 1714.1 | 1629.0 | 1532.2 | 1429.7 | 1348.4 | 1300.1 |
| 152.5° | 1909.1 | 1901.4 | 1877.0 | 1842.2 | 1815.9 | 1752.8 | 1675.4 | 1583.3 | 1479.2 | 1398.0 | 1348.1 |
| 155° | 1952.1 | 1942.4 | 1919.2 | 1886.3 | 1863.1 | 1805.0 | 1733.4 | 1652.2 | 1563.2 | 1478.1 | 1422.0 |
| 157.5° | 1986.1 | 1974.1 | 1952.4 | 1924.2 | 1899.4 | 1846.0 | 1783.7 | 1713.7 | 1635.9 | 1554.7 | 1497.4 |
| 160° | 2006.2 | 1992.7 | 1969.5 | 1944.3 | 1921.1 | 1870.8 | 1814.7 | 1750.8 | 1679.3 | 1605.8 | 1543.8 |
| 162.5° | 2020.2 | 2008.2 | 1980.3 | 1958.2 | 1938.1 | 1892.5 | 1839.5 | 1781.8 | 1718.0 | 1653.7 | 1596.5 |
| 165° | 2035.2 | 2021.7 | 1992.7 | 1975.3 | 1957.9 | 1919.2 | 1872.7 | 1826.3 | 1772.1 | 1719.9 | 1673.5 |
| 167.5° | 2036.4 | 2025.2 | 1996.2 | 1979.1 | 1966.4 | 1933.1 | 1895.6 | 1860.0 | 1817.8 | 1776.8 | 1738.1 |
| 170° | 2033.3 | 2023.6 | 1994.6 | 1979.1 | 1969.5 | 1942.4 | 1909.5 | 1878.5 | 1845.6 | 1810.8 | 1779.9 |
| 172.5° | 2022.5 | 2012.8 | 1985.3 | 1972.9 | 1967.9 | 1943.9 | 1917.2 | 1894.0 | 1865.8 | 1840.2 | 1815.5 |
| 175° | 1994.6 | 1986.9 | 1963.7 | 1955.9 | 1957.9 | 1942.4 | 1923.0 | 1909.5 | 1892.1 | 1876.6 | 1863.1 |
| 177.5° | 1954.0 | 1949.3 | 1932.3 | 1932.3 | 1938.5 | 1929.2 | 1923.0 | 1916.8 | 1909.1 | 1904.5 | 1899.8 |
| 180° | 1915.3 | 1915.3 | 1915.3 | 1915.3 | 1915.3 | 1915.3 | 1915.3 | 1915.3 | 1915.3 | 1915.3 | 1915.3 |



TEST NUMBER: P1436048

CATALOG NUMBER: SQ2W-FB-K-150U-125D-L930-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 220° | 230° | 240° | 250° | 260° | 270° | 280° | 290° | 300° | 310° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 483.1 | 483.1 | 483.1 | 483.1 | 483.1 | 483.1 | 483.1 | 483.1 | 483.1 | 483.1 | 483.1 |
| 2.5° | 517.2 | 527.9 | 539.5 | 549.4 | 554.4 | 559.3 | 554.4 | 549.4 | 539.5 | 527.9 | 517.2 |
| 5° | 625.6 | 681.9 | 744.8 | 798.8 | 825.6 | 852.5 | 825.6 | 798.8 | 744.8 | 681.9 | 625.6 |
| 7.5° | 867.4 | 1030.3 | 1199.2 | 1339.3 | 1393.0 | 1446.6 | 1393.0 | 1339.3 | 1199.2 | 1030.3 | 867.4 |
| 10° | 1108.7 | 1318.3 | 1464.9 | 1582.1 | 1611.0 | 1639.9 | 1611.0 | 1582.1 | 1464.9 | 1318.3 | 1108.7 |
| 12.5° | 1266.3 | 1484.1 | 1586.9 | 1671.5 | 1701.2 | 1730.9 | 1701.2 | 1671.5 | 1586.9 | 1484.1 | 1266.3 |
| 15° | 1406.6 | 1630.6 | 1714.2 | 1785.2 | 1818.2 | 1851.3 | 1818.2 | 1785.2 | 1714.2 | 1630.6 | 1406.6 |
| 17.5° | 1484.2 | 1702.7 | 1785.5 | 1852.0 | 1870.0 | 1888.0 | 1870.0 | 1852.0 | 1785.5 | 1702.7 | 1484.2 |
| 20° | 1529.4 | 1735.9 | 1807.1 | 1863.4 | 1874.8 | 1886.1 | 1874.8 | 1863.4 | 1807.1 | 1735.9 | 1529.4 |
| 22.5° | 1562.3 | 1755.1 | 1809.0 | 1852.5 | 1864.6 | 1876.8 | 1864.6 | 1852.5 | 1809.0 | 1755.1 | 1562.3 |
| 25° | 1594.7 | 1770.7 | 1804.8 | 1832.4 | 1840.7 | 1848.9 | 1840.7 | 1832.4 | 1804.8 | 1770.7 | 1594.7 |
| 27.5° | 1589.5 | 1753.7 | 1776.0 | 1794.7 | 1802.8 | 1810.9 | 1802.8 | 1794.7 | 1776.0 | 1753.7 | 1589.5 |
| 30° | 1575.6 | 1734.1 | 1750.6 | 1765.8 | 1777.2 | 1788.6 | 1777.2 | 1765.8 | 1750.6 | 1734.1 | 1575.6 |
| 32.5° | 1554.4 | 1709.5 | 1725.2 | 1743.1 | 1767.7 | 1792.3 | 1767.7 | 1743.1 | 1725.2 | 1709.5 | 1554.4 |
| 35° | 1514.7 | 1673.2 | 1698.0 | 1727.9 | 1773.3 | 1818.7 | 1773.3 | 1727.9 | 1698.0 | 1673.2 | 1514.7 |
| 37.5° | 1460.1 | 1632.8 | 1684.6 | 1734.5 | 1778.2 | 1822.0 | 1778.2 | 1734.5 | 1684.6 | 1632.8 | 1460.1 |
| 40° | 1420.3 | 1602.5 | 1671.6 | 1732.8 | 1770.0 | 1807.1 | 1770.0 | 1732.8 | 1671.6 | 1602.5 | 1420.3 |
| 42.5° | 1374.4 | 1563.7 | 1644.4 | 1714.2 | 1751.4 | 1788.6 | 1751.4 | 1714.2 | 1644.4 | 1563.7 | 1374.4 |
| 45° | 1301.8 | 1501.6 | 1596.5 | 1676.5 | 1711.6 | 1746.7 | 1711.6 | 1676.5 | 1596.5 | 1501.6 | 1301.8 |
| 47.5° | 1230.8 | 1440.3 | 1541.1 | 1623.1 | 1648.7 | 1674.3 | 1648.7 | 1623.1 | 1541.1 | 1440.3 | 1230.8 |
| 50° | 1183.1 | 1396.8 | 1495.9 | 1575.4 | 1596.0 | 1616.7 | 1596.0 | 1575.4 | 1495.9 | 1396.8 | 1183.1 |
| 52.5° | 1135.8 | 1351.1 | 1444.5 | 1519.2 | 1538.2 | 1557.2 | 1538.2 | 1519.2 | 1444.5 | 1351.1 | 1135.8 |
| 55° | 1061.0 | 1274.2 | 1355.7 | 1421.0 | 1437.6 | 1454.1 | 1437.6 | 1421.0 | 1355.7 | 1274.2 | 1061.0 |
| 57.5° | 981.4 | 1187.4 | 1256.9 | 1312.5 | 1325.9 | 1339.3 | 1325.9 | 1312.5 | 1256.9 | 1187.4 | 981.4 |
| 60° | 923.2 | 1120.9 | 1183.9 | 1234.4 | 1247.9 | 1261.3 | 1247.9 | 1234.4 | 1183.9 | 1120.9 | 923.2 |
| 62.5° | 860.0 | 1047.8 | 1105.8 | 1152.5 | 1165.1 | 1177.7 | 1165.1 | 1152.5 | 1105.8 | 1047.8 | 860.0 |
| 65° | 763.7 | 932.5 | 981.0 | 1019.4 | 1027.7 | 1036.0 | 1027.7 | 1019.4 | 981.0 | 932.5 | 763.7 |
| 67.5° | 664.6 | 805.8 | 835.9 | 854.6 | 839.1 | 823.7 | 839.1 | 854.6 | 835.9 | 805.8 | 664.6 |
| 70° | 598.8 | 715.9 | 726.3 | 722.9 | 678.5 | 634.1 | 678.5 | 722.9 | 726.3 | 715.9 | 598.8 |
| 72.5° | 526.7 | 612.1 | 589.4 | 551.3 | 467.3 | 383.3 | 467.3 | 551.3 | 589.4 | 612.1 | 526.7 |
| 75° | 410.9 | 433.6 | 334.5 | 260.7 | 262.7 | 264.8 | 262.7 | 260.7 | 334.5 | 433.6 | 410.9 |
| 77.5° | 274.3 | 291.5 | 239.1 | 200.2 | 202.1 | 203.9 | 202.1 | 200.2 | 239.1 | 291.5 | 274.3 |
| 80° | 152.3 | 166.2 | 164.1 | 162.9 | 163.9 | 164.9 | 163.9 | 162.9 | 164.1 | 166.2 | 152.3 |
| 82.5° | 106.8 | 116.2 | 118.3 | 119.5 | 118.0 | 116.6 | 118.0 | 119.5 | 118.3 | 116.2 | 106.8 |
| 85° | 55.5 | 53.9 | 45.7 | 39.0 | 36.9 | 34.8 | 36.9 | 39.0 | 45.7 | 53.9 | 55.5 |
| 87.5° | 19.8 | 20.9 | 23.6 | 25.2 | 26.7 | 25.9 | 26.7 | 25.2 | 23.6 | 20.9 | 19.8 |
| 90° | 44.5 | 58.0 | 71.6 | 79.3 | 87.1 | 83.2 | 87.1 | 79.3 | 71.6 | 58.0 | 44.5 |
| 92.5° | 89.4 | 112.2 | 128.8 | 142.8 | 149.0 | 148.2 | 149.0 | 142.8 | 128.8 | 112.2 | 89.4 |
| 95° | 179.9 | 207.0 | 234.1 | 253.4 | 265.0 | 261.2 | 265.0 | 253.4 | 234.1 | 207.0 | 179.9 |
| 97.5° | 277.4 | 313.8 | 344.0 | 362.2 | 373.8 | 381.5 | 373.8 | 362.2 | 344.0 | 313.8 | 277.4 |
| 100° | 342.4 | 377.3 | 412.1 | 433.4 | 452.7 | 460.4 | 452.7 | 433.4 | 412.1 | 377.3 | 342.4 |
| 102.5° | 395.1 | 440.7 | 478.6 | 501.5 | 517.7 | 525.4 | 517.7 | 501.5 | 478.6 | 440.7 | 395.1 |
| 105° | 481.7 | 530.1 | 570.7 | 599.7 | 617.2 | 623.0 | 617.2 | 599.7 | 570.7 | 530.1 | 481.7 |
| 107.5° | 568.4 | 618.3 | 655.8 | 688.0 | 709.2 | 721.6 | 709.2 | 688.0 | 655.8 | 618.3 | 568.4 |
| 110° | 636.5 | 677.1 | 717.8 | 746.8 | 768.1 | 775.8 | 768.1 | 746.8 | 717.8 | 677.1 | 636.5 |



TEST NUMBER: P1436048

CATALOG NUMBER: SQ2W-FB-K-150U-125D-L930-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 220° | 230° | 240° | 250° | 260° | 270° | 280° | 290° | 300° | 310° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 693.8 | 739.0 | 779.7 | 808.7 | 833.1 | 843.9 | 833.1 | 808.7 | 779.7 | 739.0 | 693.8 |
| 115° | 773.9 | 833.8 | 870.6 | 897.7 | 915.1 | 924.8 | 915.1 | 897.7 | 870.6 | 833.8 | 773.9 |
| 117.5° | 840.4 | 903.1 | 943.3 | 964.2 | 972.4 | 979.3 | 972.4 | 964.2 | 943.3 | 903.1 | 840.4 |
| 120° | 882.2 | 940.2 | 986.7 | 1013.8 | 1023.4 | 1027.3 | 1023.4 | 1013.8 | 986.7 | 940.2 | 882.2 |
| 122.5° | 920.9 | 975.8 | 1020.7 | 1054.0 | 1069.9 | 1073.7 | 1069.9 | 1054.0 | 1020.7 | 975.8 | 920.9 |
| 125° | 975.1 | 1027.3 | 1073.7 | 1106.6 | 1124.0 | 1133.7 | 1124.0 | 1106.6 | 1073.7 | 1027.3 | 975.1 |
| 127.5° | 1022.3 | 1078.8 | 1121.3 | 1151.1 | 1168.1 | 1175.9 | 1168.1 | 1151.1 | 1121.3 | 1078.8 | 1022.3 |
| 130° | 1048.6 | 1106.6 | 1149.2 | 1182.1 | 1197.5 | 1205.3 | 1197.5 | 1182.1 | 1149.2 | 1106.6 | 1048.6 |
| 132.5° | 1068.7 | 1129.8 | 1173.9 | 1203.7 | 1220.8 | 1228.5 | 1220.8 | 1203.7 | 1173.9 | 1129.8 | 1068.7 |
| 135° | 1093.1 | 1156.9 | 1203.3 | 1232.4 | 1247.8 | 1255.6 | 1247.8 | 1232.4 | 1203.3 | 1156.9 | 1093.1 |
| 137.5° | 1114.4 | 1172.4 | 1220.8 | 1251.3 | 1265.3 | 1270.3 | 1265.3 | 1251.3 | 1220.8 | 1172.4 | 1114.4 |
| 140° | 1129.8 | 1180.1 | 1228.5 | 1257.5 | 1273.0 | 1274.9 | 1273.0 | 1257.5 | 1228.5 | 1180.1 | 1129.8 |
| 142.5° | 1150.0 | 1189.4 | 1231.6 | 1260.6 | 1276.1 | 1279.6 | 1276.1 | 1260.6 | 1231.6 | 1189.4 | 1150.0 |
| 145° | 1185.9 | 1209.2 | 1238.2 | 1265.3 | 1278.8 | 1282.7 | 1278.8 | 1265.3 | 1238.2 | 1209.2 | 1185.9 |
| 147.5° | 1231.2 | 1238.6 | 1253.6 | 1271.4 | 1284.6 | 1287.3 | 1284.6 | 1271.4 | 1253.6 | 1238.6 | 1231.2 |
| 150° | 1265.3 | 1263.3 | 1269.1 | 1280.7 | 1292.3 | 1290.4 | 1292.3 | 1280.7 | 1269.1 | 1263.3 | 1265.3 |
| 152.5° | 1303.9 | 1292.7 | 1292.3 | 1297.8 | 1303.2 | 1302.8 | 1303.2 | 1297.8 | 1292.3 | 1292.7 | 1303.9 |
| 155° | 1369.7 | 1348.4 | 1336.8 | 1333.0 | 1333.0 | 1331.0 | 1333.0 | 1333.0 | 1336.8 | 1348.4 | 1369.7 |
| 157.5° | 1442.1 | 1412.3 | 1394.9 | 1385.6 | 1382.9 | 1378.6 | 1382.9 | 1385.6 | 1394.9 | 1412.3 | 1442.1 |
| 160° | 1491.6 | 1458.7 | 1441.3 | 1425.8 | 1420.0 | 1414.2 | 1420.0 | 1425.8 | 1441.3 | 1458.7 | 1491.6 |
| 162.5° | 1538.0 | 1506.7 | 1487.7 | 1473.8 | 1468.0 | 1459.1 | 1468.0 | 1473.8 | 1487.7 | 1506.7 | 1538.0 |
| 165° | 1613.5 | 1580.6 | 1559.3 | 1547.7 | 1540.0 | 1532.2 | 1540.0 | 1547.7 | 1559.3 | 1580.6 | 1613.5 |
| 167.5° | 1688.9 | 1653.0 | 1639.0 | 1625.9 | 1618.5 | 1604.6 | 1618.5 | 1625.9 | 1639.0 | 1653.0 | 1688.9 |
| 170° | 1735.4 | 1702.5 | 1694.7 | 1683.1 | 1669.6 | 1654.1 | 1669.6 | 1683.1 | 1694.7 | 1702.5 | 1735.4 |
| 172.5° | 1775.6 | 1753.6 | 1745.8 | 1734.2 | 1730.0 | 1717.6 | 1730.0 | 1734.2 | 1745.8 | 1753.6 | 1775.6 |
| 175° | 1834.0 | 1816.6 | 1816.6 | 1814.7 | 1808.9 | 1797.3 | 1808.9 | 1814.7 | 1816.6 | 1816.6 | 1834.0 |
| 177.5° | 1882.8 | 1873.5 | 1879.7 | 1879.7 | 1878.1 | 1867.3 | 1878.1 | 1879.7 | 1879.7 | 1873.5 | 1882.8 |
| 180° | 1915.3 | 1915.3 | 1915.3 | 1915.3 | 1915.3 | 1915.3 | 1915.3 | 1915.3 | 1915.3 | 1915.3 | 1915.3 |



TEST NUMBER: P1436048

CATALOG NUMBER: SQ2W-FB-K-150U-125D-L930-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 330° | 340° | 350° | 360° |
|--------|--------|-------|-------|-------|
| 0° | 483.1 | 483.1 | 483.1 | 483.1 |
| 2.5° | 507.3 | 497.6 | 488.5 | 479.4 |
| 5° | 576.1 | 531.1 | 500.2 | 469.2 |
| 7.5° | 710.5 | 577.0 | 514.1 | 451.1 |
| 10° | 836.2 | 609.9 | 522.1 | 434.4 |
| 12.5° | 933.5 | 654.0 | 534.9 | 415.8 |
| 15° | 1042.2 | 726.3 | 555.9 | 385.6 |
| 17.5° | 1130.1 | 807.9 | 581.2 | 354.5 |
| 20° | 1187.7 | 864.9 | 598.5 | 332.2 |
| 22.5° | 1230.5 | 907.2 | 609.4 | 311.7 |
| 25° | 1276.8 | 954.4 | 618.9 | 283.4 |
| 27.5° | 1283.3 | 965.0 | 610.5 | 256.0 |
| 30° | 1275.2 | 959.8 | 599.5 | 239.2 |
| 32.5° | 1259.7 | 948.3 | 586.3 | 224.4 |
| 35° | 1222.6 | 914.4 | 558.2 | 202.1 |
| 37.5° | 1166.5 | 861.5 | 522.3 | 183.0 |
| 40° | 1125.0 | 822.3 | 497.1 | 171.9 |
| 42.5° | 1076.7 | 776.4 | 468.6 | 160.7 |
| 45° | 997.3 | 699.7 | 423.0 | 146.3 |
| 47.5° | 912.4 | 613.5 | 373.2 | 132.9 |
| 50° | 854.8 | 554.9 | 340.2 | 125.4 |
| 52.5° | 798.4 | 497.9 | 308.0 | 118.0 |
| 55° | 716.2 | 418.9 | 264.0 | 109.2 |
| 57.5° | 639.1 | 351.1 | 226.2 | 101.3 |
| 60° | 590.8 | 314.4 | 206.0 | 97.6 |
| 62.5° | 542.4 | 280.7 | 186.3 | 92.0 |
| 65° | 474.6 | 238.7 | 162.3 | 85.9 |
| 67.5° | 412.5 | 207.2 | 142.4 | 77.6 |
| 70° | 374.7 | 191.8 | 131.9 | 72.0 |
| 72.5° | 333.2 | 174.8 | 121.6 | 68.3 |
| 75° | 266.3 | 147.1 | 103.8 | 60.4 |
| 77.5° | 187.4 | 114.1 | 81.7 | 49.2 |
| 80° | 122.3 | 93.4 | 67.6 | 41.8 |
| 82.5° | 90.1 | 72.8 | 53.6 | 34.4 |
| 85° | 50.3 | 43.6 | 32.3 | 20.9 |
| 87.5° | 21.2 | 19.9 | 14.3 | 8.6 |
| 90° | 34.8 | 21.3 | 13.5 | 5.8 |
| 92.5° | 75.1 | 52.2 | 36.8 | 21.3 |
| 95° | 150.9 | 119.9 | 85.1 | 60.0 |
| 97.5° | 240.3 | 190.4 | 155.9 | 114.5 |
| 100° | 288.3 | 239.9 | 207.0 | 162.5 |
| 102.5° | 340.9 | 300.3 | 255.0 | 210.5 |
| 105° | 435.3 | 385.0 | 332.8 | 282.5 |
| 107.5° | 522.7 | 467.4 | 404.7 | 359.5 |
| 110° | 578.5 | 518.5 | 452.7 | 412.1 |



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CANDELA DISTRIBUTION (continued):

| | 330° | 340° | 350° | 360° |
|--------|--------|--------|--------|--------|
| 112.5° | 632.6 | 571.1 | 503.8 | 463.2 |
| 115° | 706.1 | 638.4 | 576.5 | 541.7 |
| 117.5° | 777.0 | 707.3 | 641.9 | 614.4 |
| 120° | 820.3 | 750.6 | 686.8 | 665.5 |
| 122.5° | 855.9 | 787.8 | 728.6 | 719.7 |
| 125° | 909.3 | 839.6 | 789.3 | 800.9 |
| 127.5° | 952.6 | 888.8 | 857.0 | 883.0 |
| 130° | 978.9 | 922.8 | 903.5 | 940.2 |
| 132.5° | 1002.1 | 958.4 | 949.9 | 1000.6 |
| 135° | 1037.0 | 1011.8 | 1019.6 | 1089.2 |
| 137.5° | 1078.4 | 1068.7 | 1094.6 | 1182.5 |
| 140° | 1104.7 | 1110.5 | 1147.2 | 1245.9 |
| 142.5° | 1140.3 | 1153.8 | 1201.4 | 1306.3 |
| 145° | 1195.6 | 1224.6 | 1286.5 | 1391.0 |
| 147.5° | 1258.3 | 1295.8 | 1372.4 | 1479.6 |
| 150° | 1300.1 | 1348.4 | 1429.7 | 1532.2 |
| 152.5° | 1348.1 | 1398.0 | 1479.2 | 1583.3 |
| 155° | 1422.0 | 1478.1 | 1563.2 | 1652.2 |
| 157.5° | 1497.4 | 1554.7 | 1635.9 | 1713.7 |
| 160° | 1543.8 | 1605.8 | 1679.3 | 1750.8 |
| 162.5° | 1596.5 | 1653.7 | 1718.0 | 1781.8 |
| 165° | 1673.5 | 1719.9 | 1772.1 | 1826.3 |
| 167.5° | 1738.1 | 1776.8 | 1817.8 | 1860.0 |
| 170° | 1779.9 | 1810.8 | 1845.6 | 1878.5 |
| 172.5° | 1815.5 | 1840.2 | 1865.8 | 1894.0 |
| 175° | 1863.1 | 1876.6 | 1892.1 | 1909.5 |
| 177.5° | 1899.8 | 1904.5 | 1909.1 | 1916.8 |
| 180° | 1915.3 | 1915.3 | 1915.3 | 1915.3 |



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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 | 12.94 | 13.79 | 13.92 | 14.79 | 16.12 | 22.54 | 23.39 | 23.52 | 24.39 | 25.71 |
| | 3H | 13.88 | 14.64 | 14.87 | 15.65 | 17.00 | 24.14 | 24.91 | 25.14 | 25.92 | 27.26 |
| | 4H | 14.28 | 15.00 | 15.28 | 16.01 | 17.36 | 24.32 | 25.04 | 25.33 | 26.05 | 27.41 |
| | 6H | 14.53 | 15.20 | 15.55 | 16.21 | 17.58 | 24.39 | 25.06 | 25.41 | 26.08 | 27.44 |
| | 8H | 14.62 | 15.26 | 15.65 | 16.29 | 17.65 | 24.41 | 25.04 | 25.44 | 26.08 | 27.44 |
| | 12H | 14.67 | 15.27 | 15.70 | 16.30 | 17.69 | 24.39 | 24.99 | 25.42 | 26.02 | 27.41 |
| 4H | 2H | 17.66 | 18.38 | 18.67 | 19.39 | 20.75 | 22.90 | 23.62 | 23.92 | 24.64 | 25.99 |
| | 3H | 18.79 | 19.39 | 19.81 | 20.43 | 21.80 | 24.79 | 25.39 | 25.81 | 26.43 | 27.80 |
| | 4H | 19.07 | 19.62 | 20.10 | 20.65 | 22.04 | 25.01 | 25.56 | 26.04 | 26.59 | 27.98 |
| | 6H | 19.20 | 19.68 | 20.24 | 20.73 | 22.12 | 25.14 | 25.61 | 26.18 | 26.67 | 28.06 |
| | 8H | 19.24 | 19.68 | 20.29 | 20.73 | 22.13 | 25.18 | 25.63 | 26.23 | 26.68 | 28.08 |
| | 12H | 19.24 | 19.64 | 20.31 | 20.71 | 22.11 | 25.17 | 25.57 | 26.23 | 26.63 | 28.04 |
| 8H | 4H | 20.26 | 20.70 | 21.30 | 21.75 | 23.15 | 25.10 | 25.54 | 26.14 | 26.59 | 27.99 |
| | 6H | 20.52 | 20.88 | 21.58 | 21.97 | 23.37 | 25.30 | 25.66 | 26.36 | 26.75 | 28.15 |
| | 8H | 20.61 | 20.94 | 21.69 | 22.01 | 23.43 | 25.39 | 25.71 | 26.46 | 26.78 | 28.20 |
| | 12H | 20.66 | 20.94 | 21.74 | 22.01 | 23.47 | 25.39 | 25.67 | 26.47 | 26.74 | 28.20 |
| 12H | 4H | 20.28 | 20.68 | 21.35 | 21.75 | 23.15 | 25.05 | 25.45 | 26.11 | 26.51 | 27.92 |
| | 6H | 20.62 | 20.95 | 21.70 | 22.02 | 23.44 | 25.28 | 25.60 | 26.35 | 26.68 | 28.09 |
| | 8H | 20.76 | 21.04 | 21.84 | 22.11 | 23.57 | 25.38 | 25.66 | 26.46 | 26.73 | 28.19 |