

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: P1427672

Luminaire Tested: SQ2W-F-0U-125D-L930-UNV-STD-W-WM-4

Issue Date: 3/10/2026

**Test Information**

Test Method: LM-79-2024  
Report Number: P1427672  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2303-941-3, G2-2308-131-20)  
Test Lab: INNOVATION CENTER  
Issue Date: 3/10/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ2W-F-0U-125D-L930-UNV-STD-W-WM-4  
Description: CORELITE SQ2W WALL MOUNTED LED LUMINAIRE  
DOWNLIGHT - FROSTED CONTINUOUS ROLL LENS  
UPLIGHT - ASYMMETRIC ROLL LENS  
DOWNLIGHT 1250 LUMENS PER FOOT  
UPLIGHT N/A - DIRECT ONLY  
Light Source: 3000K CCT, 90 CRI LEDS  
Ballast/Driver: -

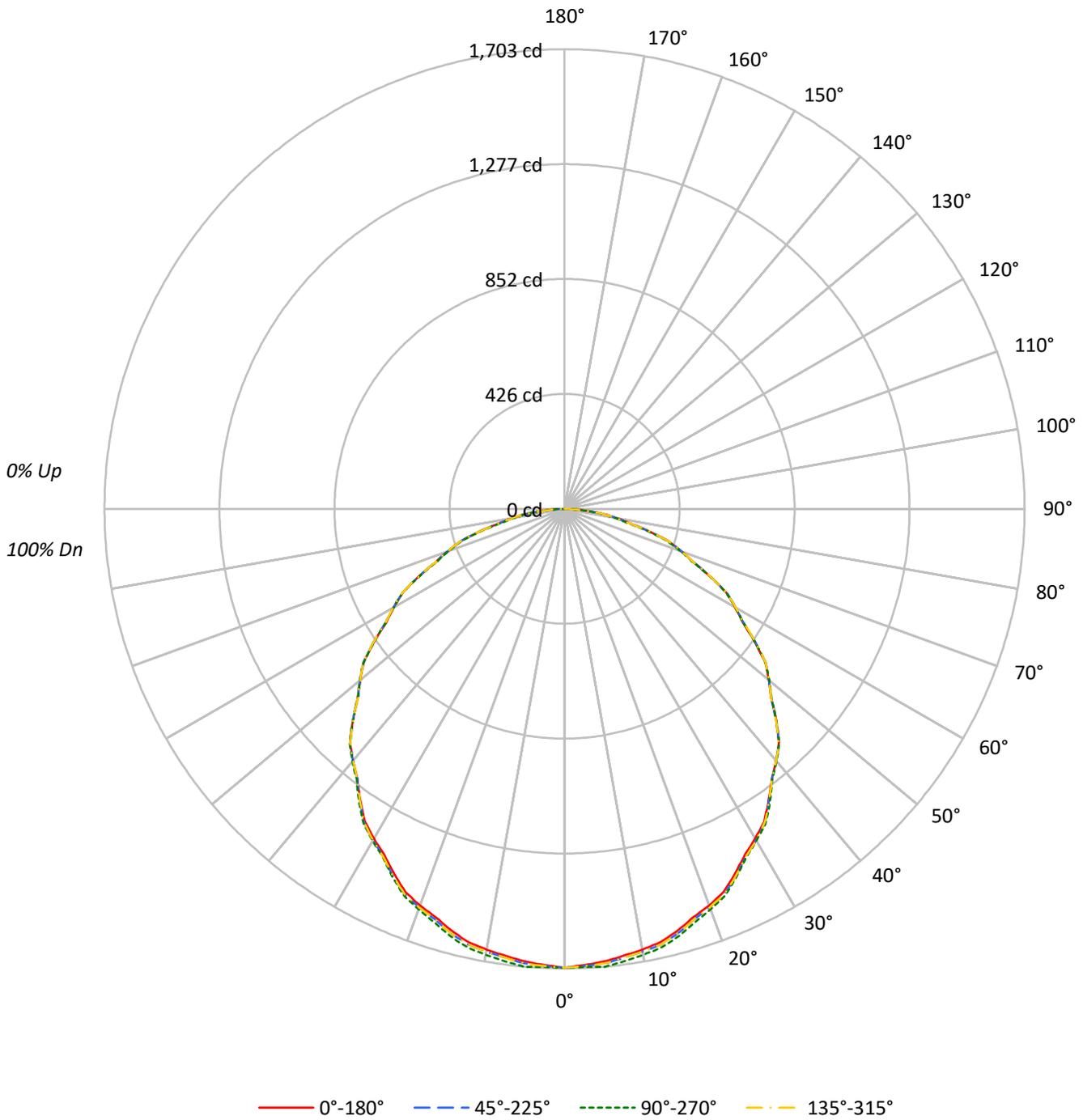
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4786.0 lumens  
Efficiency: N/A  
Efficacy: 97.3 lumens/watt  
Spacing Criteria (0/90/45): 1.24 / 1.25 / 1.36  
Luminous Opening: Rectangular (W 0.17' x L: 4' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 49.2  
Input Voltage (V): 120  
Input Current (A<sub>in</sub>): 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: P1427672

CATALOG NUMBER: SQ2W-F-0U-125D-L930-UNV-STD-W-WM-4

### Luminous Intensity Polar Plot





TEST NUMBER: P1427672

CATALOG NUMBER: SQ2W-F-OU-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   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 |
| 1   | 109 | 104 | 100 | 96  | 106 | 102 | 98  | 94  | 97  | 94  | 91  | 93  | 91  | 88  | 90  | 88  | 86  | 84  |
| 2   | 99  | 90  | 84  | 78  | 96  | 89  | 82  | 77  | 85  | 80  | 75  | 82  | 77  | 73  | 79  | 75  | 72  | 70  |
| 3   | 90  | 79  | 71  | 65  | 87  | 78  | 70  | 64  | 75  | 68  | 63  | 72  | 66  | 62  | 69  | 65  | 61  | 58  |
| 4   | 82  | 70  | 61  | 55  | 80  | 69  | 61  | 54  | 66  | 59  | 54  | 64  | 58  | 53  | 62  | 57  | 52  | 50  |
| 5   | 76  | 63  | 54  | 47  | 74  | 62  | 53  | 47  | 60  | 52  | 46  | 58  | 51  | 46  | 56  | 50  | 45  | 43  |
| 6   | 70  | 56  | 47  | 41  | 68  | 56  | 47  | 41  | 54  | 46  | 40  | 52  | 45  | 40  | 50  | 44  | 40  | 38  |
| 7   | 65  | 51  | 42  | 36  | 63  | 50  | 42  | 36  | 49  | 41  | 36  | 47  | 41  | 36  | 46  | 40  | 35  | 33  |
| 8   | 60  | 47  | 38  | 32  | 59  | 46  | 38  | 32  | 45  | 37  | 32  | 43  | 37  | 32  | 42  | 36  | 32  | 30  |
| 9   | 56  | 43  | 35  | 29  | 55  | 42  | 34  | 29  | 41  | 34  | 29  | 40  | 33  | 29  | 39  | 33  | 29  | 27  |
| 10  | 53  | 40  | 32  | 26  | 52  | 39  | 31  | 26  | 38  | 31  | 26  | 37  | 31  | 26  | 36  | 30  | 26  | 24  |

**AVERAGE LUMINANCE (cd/sqm):**

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 27457 | 27457 | 27457 | 27457 |
| 5°  | 27290 | 27601 | 27290 | 27601 |
| 10° | 27194 | 27507 | 27194 | 27507 |
| 15° | 27043 | 27384 | 27043 | 27384 |
| 20° | 26872 | 27140 | 26872 | 27140 |
| 25° | 26583 | 26818 | 26583 | 26818 |
| 30° | 26302 | 26479 | 26302 | 26479 |
| 35° | 25964 | 26130 | 25964 | 26130 |
| 40° | 25669 | 25745 | 25669 | 25745 |
| 45° | 25295 | 25295 | 25295 | 25295 |
| 50° | 24786 | 24847 | 24786 | 24847 |
| 55° | 24205 | 24239 | 24205 | 24239 |
| 60° | 23550 | 23550 | 23550 | 23550 |
| 65° | 22785 | 22693 | 22785 | 22693 |
| 70° | 21710 | 21484 | 21710 | 21484 |
| 75° | 20243 | 19800 | 20243 | 19800 |
| 80° | 18038 | 17145 | 18038 | 17145 |
| 85° | 14412 | 12208 | 14412 | 12208 |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 25464 cd/sqm



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 160.9  | 3.4       |
| 10°-20°   | 459.8  | 9.6       |
| 20°-30°   | 692.1  | 14.5      |
| 30°-40°   | 827.6  | 17.3      |
| 40°-50°   | 854.6  | 17.9      |
| 50°-60°   | 770.8  | 16.1      |
| 60°-70°   | 590.5  | 12.3      |
| 70°-80°   | 341.2  | 7.1       |
| 80°-90°   | 88.6   | 1.9       |
| 90°-100°  | 0.0    | 0.0       |
| 100°-110° | 0.0    | 0.0       |
| 110°-120° | 0.0    | 0.0       |
| 120°-130° | 0.0    | 0.0       |
| 130°-140° | 0.0    | 0.0       |
| 140°-150° | 0.0    | 0.0       |
| 150°-160° | 0.0    | 0.0       |
| 160°-170° | 0.0    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-30°    | 1312.7 | 27.4      |
| 0°-40°    | 2140.3 | 44.7      |
| 0°-60°    | 3765.7 | 78.7      |
| 0°-90°    | 4786.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 4786.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 90°  | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0°  | 1701 | 1701 | 1701 | 1701 | 1701 |      |
| 5°  | 1684 | 1703 | 1684 | 1703 | 1684 | 160  |
| 15° | 1618 | 1638 | 1618 | 1638 | 1618 | 456  |
| 25° | 1492 | 1505 | 1492 | 1505 | 1492 | 688  |
| 35° | 1317 | 1326 | 1317 | 1326 | 1317 | 825  |
| 45° | 1108 | 1108 | 1108 | 1108 | 1108 | 854  |
| 55° | 860  | 861  | 860  | 861  | 860  | 768  |
| 65° | 596  | 594  | 596  | 594  | 596  | 590  |
| 75° | 324  | 317  | 324  | 317  | 324  | 344  |
| 85° | 78   | 66   | 78   | 66   | 78   | 94   |
| 90° | 0    | 0    | 0    | 0    | 0    |      |



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 10°    | 20°    | 30°    | 40°    | 50°    | 60°    | 70°    | 80°    | 90°    | 100°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1700.6 | 1700.6 | 1700.6 | 1700.6 | 1700.6 | 1700.6 | 1700.6 | 1700.6 | 1700.6 | 1700.6 | 1700.6 |
| 2.5°  | 1692.0 | 1700.0 | 1708.1 | 1704.7 | 1697.5 | 1694.7 | 1696.4 | 1697.9 | 1698.8 | 1699.6 | 1698.8 |
| 5°    | 1683.8 | 1694.5 | 1705.1 | 1701.4 | 1692.9 | 1689.1 | 1690.2 | 1692.3 | 1697.6 | 1703.0 | 1697.6 |
| 7.5°  | 1670.2 | 1680.8 | 1691.4 | 1688.0 | 1679.9 | 1676.5 | 1677.8 | 1680.2 | 1685.7 | 1691.2 | 1685.7 |
| 10°   | 1658.7 | 1669.3 | 1679.9 | 1676.2 | 1667.7 | 1664.5 | 1666.6 | 1669.3 | 1673.6 | 1677.8 | 1673.6 |
| 12.5° | 1644.3 | 1654.9 | 1665.6 | 1662.5 | 1654.8 | 1651.6 | 1652.9 | 1655.0 | 1659.7 | 1664.4 | 1659.7 |
| 15°   | 1617.9 | 1628.6 | 1639.2 | 1636.3 | 1628.9 | 1625.9 | 1627.5 | 1629.8 | 1634.0 | 1638.3 | 1634.0 |
| 17.5° | 1586.1 | 1596.1 | 1606.1 | 1603.4 | 1596.5 | 1593.9 | 1595.7 | 1598.0 | 1601.8 | 1605.5 | 1601.8 |
| 20°   | 1564.0 | 1573.6 | 1583.2 | 1580.4 | 1573.5 | 1570.3 | 1570.8 | 1572.2 | 1575.9 | 1579.6 | 1575.9 |
| 22.5° | 1537.2 | 1546.8 | 1556.4 | 1553.9 | 1547.4 | 1543.6 | 1542.4 | 1542.7 | 1547.3 | 1551.8 | 1547.3 |
| 25°   | 1492.2 | 1501.8 | 1511.4 | 1509.4 | 1503.5 | 1499.8 | 1498.2 | 1497.9 | 1501.6 | 1505.4 | 1501.6 |
| 27.5° | 1445.2 | 1453.2 | 1461.2 | 1459.5 | 1454.6 | 1451.7 | 1450.6 | 1450.5 | 1453.1 | 1455.8 | 1453.1 |
| 30°   | 1410.8 | 1418.7 | 1426.7 | 1424.7 | 1419.4 | 1416.2 | 1415.1 | 1415.0 | 1417.7 | 1420.3 | 1417.7 |
| 32.5° | 1374.4 | 1381.9 | 1389.5 | 1386.7 | 1380.6 | 1377.4 | 1377.1 | 1377.8 | 1380.8 | 1383.9 | 1380.8 |
| 35°   | 1317.3 | 1323.7 | 1330.1 | 1327.3 | 1321.5 | 1318.8 | 1319.3 | 1320.4 | 1323.1 | 1325.7 | 1323.1 |
| 37.5° | 1260.1 | 1265.0 | 1269.9 | 1267.0 | 1261.6 | 1258.8 | 1258.7 | 1259.2 | 1261.5 | 1263.7 | 1261.5 |
| 40°   | 1217.9 | 1223.3 | 1228.6 | 1225.5 | 1219.7 | 1216.5 | 1215.9 | 1216.2 | 1218.9 | 1221.5 | 1218.9 |
| 42.5° | 1174.8 | 1178.9 | 1182.9 | 1180.2 | 1175.2 | 1172.8 | 1173.2 | 1173.7 | 1175.1 | 1176.5 | 1175.1 |
| 45°   | 1107.8 | 1111.5 | 1115.2 | 1112.6 | 1107.8 | 1105.4 | 1105.4 | 1105.6 | 1106.7 | 1107.8 | 1106.7 |
| 47.5° | 1037.6 | 1040.5 | 1043.3 | 1041.3 | 1037.5 | 1035.4 | 1034.7 | 1034.7 | 1036.4 | 1038.1 | 1036.4 |
| 50°   | 986.8  | 990.5  | 994.3  | 992.4  | 988.7  | 986.3  | 985.2  | 984.9  | 987.1  | 989.2  | 987.1  |
| 52.5° | 937.0  | 941.1  | 945.3  | 943.5  | 939.8  | 937.2  | 935.7  | 935.0  | 936.7  | 938.4  | 936.7  |
| 55°   | 859.9  | 864.7  | 869.4  | 868.3  | 865.1  | 862.4  | 860.3  | 858.9  | 860.0  | 861.1  | 860.0  |
| 57.5° | 781.1  | 785.7  | 790.4  | 789.5  | 786.8  | 784.1  | 781.5  | 780.0  | 781.5  | 783.0  | 781.5  |
| 60°   | 729.3  | 733.6  | 737.8  | 736.5  | 733.3  | 730.7  | 728.5  | 727.2  | 728.3  | 729.3  | 728.3  |
| 62.5° | 676.6  | 680.9  | 685.2  | 683.5  | 679.9  | 677.0  | 674.9  | 673.5  | 674.6  | 675.7  | 674.6  |
| 65°   | 596.4  | 600.1  | 603.8  | 602.4  | 599.2  | 596.5  | 594.4  | 592.9  | 593.5  | 594.0  | 593.5  |
| 67.5° | 515.4  | 518.6  | 521.8  | 520.3  | 517.2  | 514.1  | 511.1  | 508.9  | 509.8  | 510.7  | 509.8  |
| 70°   | 459.9  | 463.1  | 466.3  | 465.1  | 462.4  | 459.7  | 457.1  | 455.1  | 455.1  | 455.1  | 455.1  |
| 72.5° | 406.2  | 409.0  | 411.8  | 410.1  | 407.0  | 404.4  | 402.1  | 400.5  | 400.5  | 400.5  | 400.5  |
| 75°   | 324.5  | 326.1  | 327.7  | 326.9  | 325.3  | 323.2  | 320.6  | 318.4  | 317.9  | 317.4  | 317.9  |
| 77.5° | 245.7  | 245.7  | 245.7  | 244.2  | 242.2  | 240.2  | 238.2  | 236.5  | 235.8  | 235.2  | 235.8  |
| 80°   | 194.0  | 194.0  | 194.0  | 192.8  | 191.2  | 189.6  | 188.0  | 186.6  | 185.5  | 184.4  | 185.5  |
| 82.5° | 146.1  | 145.3  | 144.4  | 143.0  | 141.4  | 139.4  | 136.9  | 135.4  | 136.4  | 137.5  | 136.4  |
| 85°   | 77.8   | 76.8   | 75.7   | 74.3   | 72.7   | 70.8   | 68.7   | 66.9   | 66.4   | 65.9   | 66.4   |
| 87.5° | 24.0   | 23.1   | 22.2   | 21.1   | 19.8   | 18.3   | 16.6   | 15.2   | 14.8   | 14.4   | 14.8   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



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**CANDELA DISTRIBUTION (continued):**

|       | 110°   | 120°   | 130°   | 140°   | 150°   | 160°   | 170°   | 180°   | 190°   | 200°   | 210°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1700.6 | 1700.6 | 1700.6 | 1700.6 | 1700.6 | 1700.6 | 1700.6 | 1700.6 | 1700.6 | 1700.6 | 1700.6 |
| 2.5°  | 1697.9 | 1696.4 | 1694.7 | 1697.5 | 1704.7 | 1708.1 | 1700.0 | 1692.0 | 1700.0 | 1708.1 | 1704.7 |
| 5°    | 1692.3 | 1690.2 | 1689.1 | 1692.9 | 1701.4 | 1705.1 | 1694.5 | 1683.8 | 1694.5 | 1705.1 | 1701.4 |
| 7.5°  | 1680.2 | 1677.8 | 1676.5 | 1679.9 | 1688.0 | 1691.4 | 1680.8 | 1670.2 | 1680.8 | 1691.4 | 1688.0 |
| 10°   | 1669.3 | 1666.6 | 1664.5 | 1667.7 | 1676.2 | 1679.9 | 1669.3 | 1658.7 | 1669.3 | 1679.9 | 1676.2 |
| 12.5° | 1655.0 | 1652.9 | 1651.6 | 1654.8 | 1662.5 | 1665.6 | 1654.9 | 1644.3 | 1654.9 | 1665.6 | 1662.5 |
| 15°   | 1629.8 | 1627.5 | 1625.9 | 1628.9 | 1636.3 | 1639.2 | 1628.6 | 1617.9 | 1628.6 | 1639.2 | 1636.3 |
| 17.5° | 1598.0 | 1595.7 | 1593.9 | 1596.5 | 1603.4 | 1606.1 | 1596.1 | 1586.1 | 1596.1 | 1606.1 | 1603.4 |
| 20°   | 1572.2 | 1570.8 | 1570.3 | 1573.5 | 1580.4 | 1583.2 | 1573.6 | 1564.0 | 1573.6 | 1583.2 | 1580.4 |
| 22.5° | 1542.7 | 1542.4 | 1543.6 | 1547.4 | 1553.9 | 1556.4 | 1546.8 | 1537.2 | 1546.8 | 1556.4 | 1553.9 |
| 25°   | 1497.9 | 1498.2 | 1499.8 | 1503.5 | 1509.4 | 1511.4 | 1501.8 | 1492.2 | 1501.8 | 1511.4 | 1509.4 |
| 27.5° | 1450.5 | 1450.6 | 1451.7 | 1454.6 | 1459.5 | 1461.2 | 1453.2 | 1445.2 | 1453.2 | 1461.2 | 1459.5 |
| 30°   | 1415.0 | 1415.1 | 1416.2 | 1419.4 | 1424.7 | 1426.7 | 1418.7 | 1410.8 | 1418.7 | 1426.7 | 1424.7 |
| 32.5° | 1377.8 | 1377.1 | 1377.4 | 1380.6 | 1386.7 | 1389.5 | 1381.9 | 1374.4 | 1381.9 | 1389.5 | 1386.7 |
| 35°   | 1320.4 | 1319.3 | 1318.8 | 1321.5 | 1327.3 | 1330.1 | 1323.7 | 1317.3 | 1323.7 | 1330.1 | 1327.3 |
| 37.5° | 1259.2 | 1258.7 | 1258.8 | 1261.6 | 1267.0 | 1269.9 | 1265.0 | 1260.1 | 1265.0 | 1269.9 | 1267.0 |
| 40°   | 1216.2 | 1215.9 | 1216.5 | 1219.7 | 1225.5 | 1228.6 | 1223.3 | 1217.9 | 1223.3 | 1228.6 | 1225.5 |
| 42.5° | 1173.7 | 1173.2 | 1172.8 | 1175.2 | 1180.2 | 1182.9 | 1178.9 | 1174.8 | 1178.9 | 1182.9 | 1180.2 |
| 45°   | 1105.6 | 1105.4 | 1105.4 | 1107.8 | 1112.6 | 1115.2 | 1111.5 | 1107.8 | 1111.5 | 1115.2 | 1112.6 |
| 47.5° | 1034.7 | 1034.7 | 1035.4 | 1037.5 | 1041.3 | 1043.3 | 1040.5 | 1037.6 | 1040.5 | 1043.3 | 1041.3 |
| 50°   | 984.9  | 985.2  | 986.3  | 988.7  | 992.4  | 994.3  | 990.5  | 986.8  | 990.5  | 994.3  | 992.4  |
| 52.5° | 935.0  | 935.7  | 937.2  | 939.8  | 943.5  | 945.3  | 941.1  | 937.0  | 941.1  | 945.3  | 943.5  |
| 55°   | 858.9  | 860.3  | 862.4  | 865.1  | 868.3  | 869.4  | 864.7  | 859.9  | 864.7  | 869.4  | 868.3  |
| 57.5° | 780.0  | 781.5  | 784.1  | 786.8  | 789.5  | 790.4  | 785.7  | 781.1  | 785.7  | 790.4  | 789.5  |
| 60°   | 727.2  | 728.5  | 730.7  | 733.3  | 736.5  | 737.8  | 733.6  | 729.3  | 733.6  | 737.8  | 736.5  |
| 62.5° | 673.5  | 674.9  | 677.0  | 679.9  | 683.5  | 685.2  | 680.9  | 676.6  | 680.9  | 685.2  | 683.5  |
| 65°   | 592.9  | 594.4  | 596.5  | 599.2  | 602.4  | 603.8  | 600.1  | 596.4  | 600.1  | 603.8  | 602.4  |
| 67.5° | 508.9  | 511.1  | 514.1  | 517.2  | 520.3  | 521.8  | 518.6  | 515.4  | 518.6  | 521.8  | 520.3  |
| 70°   | 455.1  | 457.1  | 459.7  | 462.4  | 465.1  | 466.3  | 463.1  | 459.9  | 463.1  | 466.3  | 465.1  |
| 72.5° | 400.5  | 402.1  | 404.4  | 407.0  | 410.1  | 411.8  | 409.0  | 406.2  | 409.0  | 411.8  | 410.1  |
| 75°   | 318.4  | 320.6  | 323.2  | 325.3  | 326.9  | 327.7  | 326.1  | 324.5  | 326.1  | 327.7  | 326.9  |
| 77.5° | 236.5  | 238.2  | 240.2  | 242.2  | 244.2  | 245.7  | 245.7  | 245.7  | 245.7  | 245.7  | 244.2  |
| 80°   | 186.6  | 188.0  | 189.6  | 191.2  | 192.8  | 194.0  | 194.0  | 194.0  | 194.0  | 194.0  | 192.8  |
| 82.5° | 135.4  | 136.9  | 139.4  | 141.4  | 143.0  | 144.4  | 145.3  | 146.1  | 145.3  | 144.4  | 143.0  |
| 85°   | 66.9   | 68.7   | 70.8   | 72.7   | 74.3   | 75.7   | 76.8   | 77.8   | 76.8   | 75.7   | 74.3   |
| 87.5° | 15.2   | 16.6   | 18.3   | 19.8   | 21.1   | 22.2   | 23.1   | 24.0   | 23.1   | 22.2   | 21.1   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



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CATALOG NUMBER: SQ2W-F-OU-125D-L930-UNV-STD-W-WM-4

**CANDELA DISTRIBUTION (continued):**

|       | 220°   | 230°   | 240°   | 250°   | 260°   | 270°   | 280°   | 290°   | 300°   | 310°   | 320°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1700.6 | 1700.6 | 1700.6 | 1700.6 | 1700.6 | 1700.6 | 1700.6 | 1700.6 | 1700.6 | 1700.6 | 1700.6 |
| 2.5°  | 1697.5 | 1694.7 | 1696.4 | 1697.9 | 1698.8 | 1699.6 | 1698.8 | 1697.9 | 1696.4 | 1694.7 | 1697.5 |
| 5°    | 1692.9 | 1689.1 | 1690.2 | 1692.3 | 1697.6 | 1703.0 | 1697.6 | 1692.3 | 1690.2 | 1689.1 | 1692.9 |
| 7.5°  | 1679.9 | 1676.5 | 1677.8 | 1680.2 | 1685.7 | 1691.2 | 1685.7 | 1680.2 | 1677.8 | 1676.5 | 1679.9 |
| 10°   | 1667.7 | 1664.5 | 1666.6 | 1669.3 | 1673.6 | 1677.8 | 1673.6 | 1669.3 | 1666.6 | 1664.5 | 1667.7 |
| 12.5° | 1654.8 | 1651.6 | 1652.9 | 1655.0 | 1659.7 | 1664.4 | 1659.7 | 1655.0 | 1652.9 | 1651.6 | 1654.8 |
| 15°   | 1628.9 | 1625.9 | 1627.5 | 1629.8 | 1634.0 | 1638.3 | 1634.0 | 1629.8 | 1627.5 | 1625.9 | 1628.9 |
| 17.5° | 1596.5 | 1593.9 | 1595.7 | 1598.0 | 1601.8 | 1605.5 | 1601.8 | 1598.0 | 1595.7 | 1593.9 | 1596.5 |
| 20°   | 1573.5 | 1570.3 | 1570.8 | 1572.2 | 1575.9 | 1579.6 | 1575.9 | 1572.2 | 1570.8 | 1570.3 | 1573.5 |
| 22.5° | 1547.4 | 1543.6 | 1542.4 | 1542.7 | 1547.3 | 1551.8 | 1547.3 | 1542.7 | 1542.4 | 1543.6 | 1547.4 |
| 25°   | 1503.5 | 1499.8 | 1498.2 | 1497.9 | 1501.6 | 1505.4 | 1501.6 | 1497.9 | 1498.2 | 1499.8 | 1503.5 |
| 27.5° | 1454.6 | 1451.7 | 1450.6 | 1450.5 | 1453.1 | 1455.8 | 1453.1 | 1450.5 | 1450.6 | 1451.7 | 1454.6 |
| 30°   | 1419.4 | 1416.2 | 1415.1 | 1415.0 | 1417.7 | 1420.3 | 1417.7 | 1415.0 | 1415.1 | 1416.2 | 1419.4 |
| 32.5° | 1380.6 | 1377.4 | 1377.1 | 1377.8 | 1380.8 | 1383.9 | 1380.8 | 1377.8 | 1377.1 | 1377.4 | 1380.6 |
| 35°   | 1321.5 | 1318.8 | 1319.3 | 1320.4 | 1323.1 | 1325.7 | 1323.1 | 1320.4 | 1319.3 | 1318.8 | 1321.5 |
| 37.5° | 1261.6 | 1258.8 | 1258.7 | 1259.2 | 1261.5 | 1263.7 | 1261.5 | 1259.2 | 1258.7 | 1258.8 | 1261.6 |
| 40°   | 1219.7 | 1216.5 | 1215.9 | 1216.2 | 1218.9 | 1221.5 | 1218.9 | 1216.2 | 1215.9 | 1216.5 | 1219.7 |
| 42.5° | 1175.2 | 1172.8 | 1173.2 | 1173.7 | 1175.1 | 1176.5 | 1175.1 | 1173.7 | 1173.2 | 1172.8 | 1175.2 |
| 45°   | 1107.8 | 1105.4 | 1105.4 | 1105.6 | 1106.7 | 1107.8 | 1106.7 | 1105.6 | 1105.4 | 1105.4 | 1107.8 |
| 47.5° | 1037.5 | 1035.4 | 1034.7 | 1034.7 | 1036.4 | 1038.1 | 1036.4 | 1034.7 | 1034.7 | 1035.4 | 1037.5 |
| 50°   | 988.7  | 986.3  | 985.2  | 984.9  | 987.1  | 989.2  | 987.1  | 984.9  | 985.2  | 986.3  | 988.7  |
| 52.5° | 939.8  | 937.2  | 935.7  | 935.0  | 936.7  | 938.4  | 936.7  | 935.0  | 935.7  | 937.2  | 939.8  |
| 55°   | 865.1  | 862.4  | 860.3  | 858.9  | 860.0  | 861.1  | 860.0  | 858.9  | 860.3  | 862.4  | 865.1  |
| 57.5° | 786.8  | 784.1  | 781.5  | 780.0  | 781.5  | 783.0  | 781.5  | 780.0  | 781.5  | 784.1  | 786.8  |
| 60°   | 733.3  | 730.7  | 728.5  | 727.2  | 728.3  | 729.3  | 728.3  | 727.2  | 728.5  | 730.7  | 733.3  |
| 62.5° | 679.9  | 677.0  | 674.9  | 673.5  | 674.6  | 675.7  | 674.6  | 673.5  | 674.9  | 677.0  | 679.9  |
| 65°   | 599.2  | 596.5  | 594.4  | 592.9  | 593.5  | 594.0  | 593.5  | 592.9  | 594.4  | 596.5  | 599.2  |
| 67.5° | 517.2  | 514.1  | 511.1  | 508.9  | 509.8  | 510.7  | 509.8  | 508.9  | 511.1  | 514.1  | 517.2  |
| 70°   | 462.4  | 459.7  | 457.1  | 455.1  | 455.1  | 455.1  | 455.1  | 455.1  | 457.1  | 459.7  | 462.4  |
| 72.5° | 407.0  | 404.4  | 402.1  | 400.5  | 400.5  | 400.5  | 400.5  | 400.5  | 402.1  | 404.4  | 407.0  |
| 75°   | 325.3  | 323.2  | 320.6  | 318.4  | 317.9  | 317.4  | 317.9  | 318.4  | 320.6  | 323.2  | 325.3  |
| 77.5° | 242.2  | 240.2  | 238.2  | 236.5  | 235.8  | 235.2  | 235.8  | 236.5  | 238.2  | 240.2  | 242.2  |
| 80°   | 191.2  | 189.6  | 188.0  | 186.6  | 185.5  | 184.4  | 185.5  | 186.6  | 188.0  | 189.6  | 191.2  |
| 82.5° | 141.4  | 139.4  | 136.9  | 135.4  | 136.4  | 137.5  | 136.4  | 135.4  | 136.9  | 139.4  | 141.4  |
| 85°   | 72.7   | 70.8   | 68.7   | 66.9   | 66.4   | 65.9   | 66.4   | 66.9   | 68.7   | 70.8   | 72.7   |
| 87.5° | 19.8   | 18.3   | 16.6   | 15.2   | 14.8   | 14.4   | 14.8   | 15.2   | 16.6   | 18.3   | 19.8   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



TEST NUMBER: P1427672

CATALOG NUMBER: SQ2W-F-0U-125D-L930-UNV-STD-W-WM-4

**CANDELA DISTRIBUTION (continued):**

|       | 330°   | 340°   | 350°   | 360°   |
|-------|--------|--------|--------|--------|
| 0°    | 1700.6 | 1700.6 | 1700.6 | 1700.6 |
| 2.5°  | 1704.7 | 1708.1 | 1700.0 | 1692.0 |
| 5°    | 1701.4 | 1705.1 | 1694.5 | 1683.8 |
| 7.5°  | 1688.0 | 1691.4 | 1680.8 | 1670.2 |
| 10°   | 1676.2 | 1679.9 | 1669.3 | 1658.7 |
| 12.5° | 1662.5 | 1665.6 | 1654.9 | 1644.3 |
| 15°   | 1636.3 | 1639.2 | 1628.6 | 1617.9 |
| 17.5° | 1603.4 | 1606.1 | 1596.1 | 1586.1 |
| 20°   | 1580.4 | 1583.2 | 1573.6 | 1564.0 |
| 22.5° | 1553.9 | 1556.4 | 1546.8 | 1537.2 |
| 25°   | 1509.4 | 1511.4 | 1501.8 | 1492.2 |
| 27.5° | 1459.5 | 1461.2 | 1453.2 | 1445.2 |
| 30°   | 1424.7 | 1426.7 | 1418.7 | 1410.8 |
| 32.5° | 1386.7 | 1389.5 | 1381.9 | 1374.4 |
| 35°   | 1327.3 | 1330.1 | 1323.7 | 1317.3 |
| 37.5° | 1267.0 | 1269.9 | 1265.0 | 1260.1 |
| 40°   | 1225.5 | 1228.6 | 1223.3 | 1217.9 |
| 42.5° | 1180.2 | 1182.9 | 1178.9 | 1174.8 |
| 45°   | 1112.6 | 1115.2 | 1111.5 | 1107.8 |
| 47.5° | 1041.3 | 1043.3 | 1040.5 | 1037.6 |
| 50°   | 992.4  | 994.3  | 990.5  | 986.8  |
| 52.5° | 943.5  | 945.3  | 941.1  | 937.0  |
| 55°   | 868.3  | 869.4  | 864.7  | 859.9  |
| 57.5° | 789.5  | 790.4  | 785.7  | 781.1  |
| 60°   | 736.5  | 737.8  | 733.6  | 729.3  |
| 62.5° | 683.5  | 685.2  | 680.9  | 676.6  |
| 65°   | 602.4  | 603.8  | 600.1  | 596.4  |
| 67.5° | 520.3  | 521.8  | 518.6  | 515.4  |
| 70°   | 465.1  | 466.3  | 463.1  | 459.9  |
| 72.5° | 410.1  | 411.8  | 409.0  | 406.2  |
| 75°   | 326.9  | 327.7  | 326.1  | 324.5  |
| 77.5° | 244.2  | 245.7  | 245.7  | 245.7  |
| 80°   | 192.8  | 194.0  | 194.0  | 194.0  |
| 82.5° | 143.0  | 144.4  | 145.3  | 146.1  |
| 85°   | 74.3   | 75.7   | 76.8   | 77.8   |
| 87.5° | 21.1   | 22.2   | 23.1   | 24.0   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    |



TEST NUMBER: P1427672  
 CATALOG NUMBER: SQ2W-F-0U-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 | 23.17            | 24.81 | 23.54 | 25.13 | 25.44 | 23.09          | 24.73 | 23.45 | 25.04 | 25.36 |
|                 | 3H   | 25.01            | 26.50 | 25.39 | 26.83 | 27.19 | 24.91          | 26.40 | 25.29 | 26.72 | 27.08 |
|                 | 4H   | 25.74            | 27.14 | 26.14 | 27.49 | 27.87 | 25.63          | 27.03 | 26.03 | 27.38 | 27.75 |
|                 | 6H   | 26.22            | 27.52 | 26.63 | 27.88 | 28.27 | 26.08          | 27.38 | 26.49 | 27.74 | 28.13 |
|                 | 8H   | 26.40            | 27.64 | 26.82 | 28.03 | 28.43 | 26.24          | 27.48 | 26.67 | 27.87 | 28.27 |
|                 | 12H  | 26.51            | 27.70 | 26.94 | 28.08 | 28.51 | 26.33          | 27.52 | 26.76 | 27.90 | 28.33 |
| 4H              | 2H   | 23.84            | 25.24 | 24.23 | 25.58 | 25.96 | 23.77          | 25.17 | 24.17 | 25.52 | 25.89 |
|                 | 3H   | 25.92            | 27.10 | 26.33 | 27.50 | 27.90 | 25.83          | 27.01 | 26.24 | 27.40 | 27.80 |
|                 | 4H   | 26.77            | 27.83 | 27.20 | 28.25 | 28.68 | 26.66          | 27.72 | 27.09 | 28.14 | 28.57 |
|                 | 6H   | 27.37            | 28.30 | 27.82 | 28.74 | 29.19 | 27.22          | 28.16 | 27.68 | 28.60 | 29.05 |
|                 | 8H   | 27.60            | 28.47 | 28.06 | 28.91 | 29.38 | 27.44          | 28.31 | 27.90 | 28.75 | 29.22 |
|                 | 12H  | 27.75            | 28.53 | 28.23 | 29.01 | 29.48 | 27.56          | 28.35 | 28.04 | 28.82 | 29.29 |
| 8H              | 4H   | 27.08            | 27.95 | 27.54 | 28.39 | 28.85 | 26.98          | 27.85 | 27.44 | 28.29 | 28.76 |
|                 | 6H   | 27.80            | 28.52 | 28.29 | 29.01 | 29.48 | 27.67          | 28.39 | 28.16 | 28.88 | 29.35 |
|                 | 8H   | 28.11            | 28.76 | 28.62 | 29.27 | 29.75 | 27.96          | 28.61 | 28.47 | 29.11 | 29.60 |
|                 | 12H  | 28.33            | 28.91 | 28.84 | 29.40 | 29.96 | 28.14          | 28.72 | 28.65 | 29.21 | 29.77 |
| 12H             | 4H   | 27.11            | 27.89 | 27.59 | 28.37 | 28.83 | 27.01          | 27.80 | 27.49 | 28.27 | 28.74 |
|                 | 6H   | 27.86            | 28.51 | 28.36 | 29.01 | 29.50 | 27.73          | 28.38 | 28.24 | 28.89 | 29.37 |
|                 | 8H   | 28.23            | 28.80 | 28.73 | 29.29 | 29.85 | 28.08          | 28.65 | 28.58 | 29.14 | 29.70 |