

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: P938164

Luminaire Tested: SQ4-FB-125U-125D-93050-1D-UNV-STD-W-6-5000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P938164
REPORT IS A COMBINATION OF REPORTS P933608 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FB-125U-125D-93050-1D-UNV-STD-W-6-5000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Batwing Frosted Continuous Roll L
Light Source: -
Ballast/Driver: -

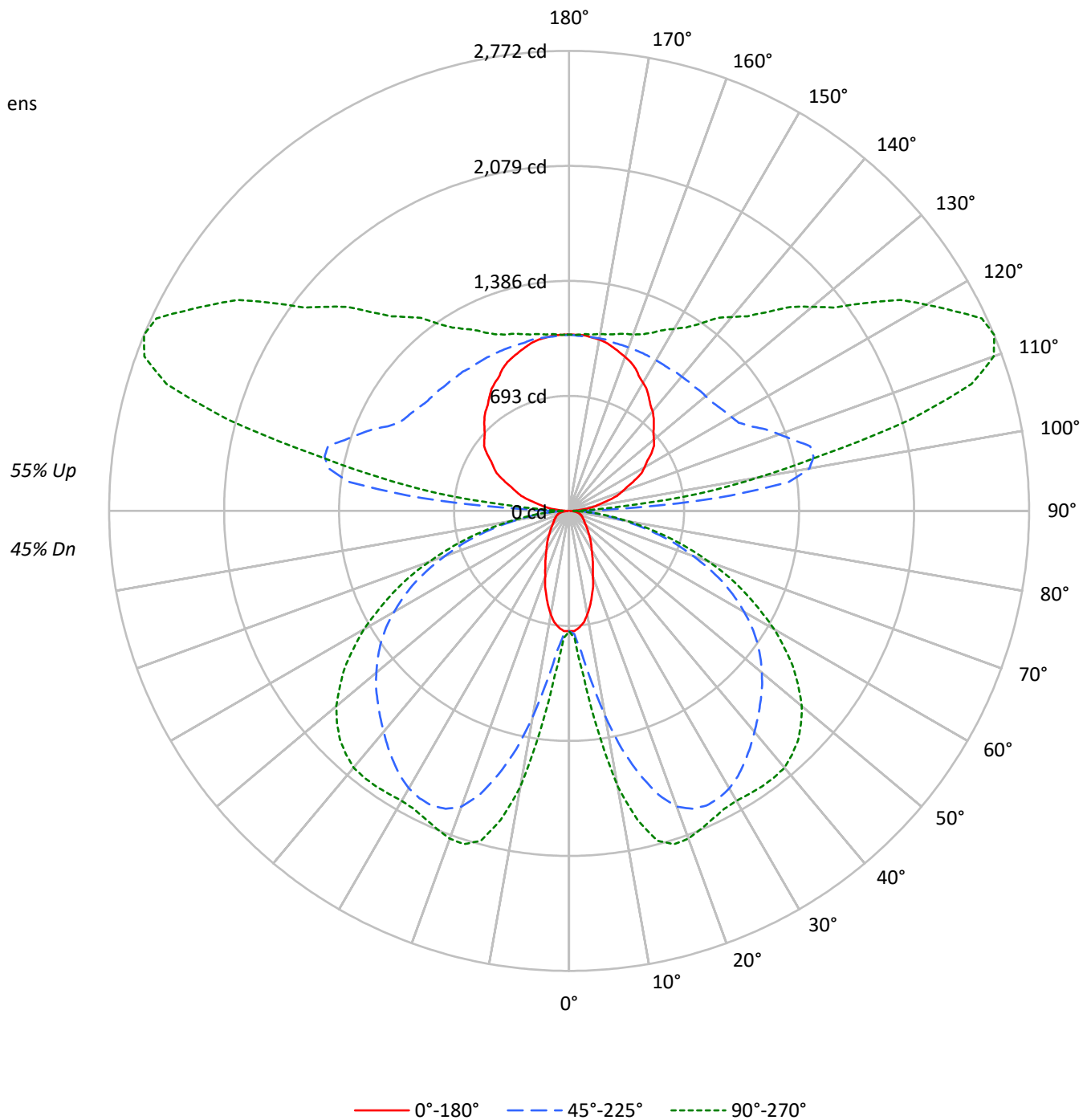
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12492.5 lumens
Efficiency: N/A
Efficacy: 110.7 lumens/watt
Spacing Criteria (0/90/45): 0.71 / 2.69 / 2.33
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 6' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 112.8
Input Voltage (V): NR
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: P938164
CATALOG NUMBER: SQ4-FB-125U-125D-93050-1D-UNV-STD-W-6-5000K

Luminous Intensity Polar Plot





TEST NUMBER: P938164

CATALOG NUMBER: SQ4-FB-125U-125D-93050-1D-UNV-STD-W-6-5000K

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 | 80 | 80 | 80 | 65 | 65 | 65 | 51 | 51 | 51 | 45 |
| 1 | 96 | 92 | 88 | 84 | 88 | 84 | 81 | 77 | 70 | 67 | 65 | 57 | 55 | 53 | 45 | 44 | 42 | 37 |
| 2 | 87 | 79 | 73 | 68 | 79 | 73 | 67 | 63 | 61 | 56 | 53 | 49 | 46 | 44 | 39 | 37 | 35 | 30 |
| 3 | 79 | 69 | 62 | 56 | 72 | 64 | 57 | 52 | 53 | 48 | 44 | 43 | 39 | 36 | 34 | 31 | 29 | 25 |
| 4 | 72 | 61 | 53 | 47 | 66 | 56 | 49 | 43 | 47 | 41 | 37 | 38 | 34 | 31 | 30 | 27 | 25 | 21 |
| 5 | 66 | 54 | 46 | 39 | 60 | 50 | 42 | 37 | 41 | 36 | 31 | 34 | 29 | 26 | 27 | 23 | 21 | 18 |
| 6 | 60 | 48 | 40 | 34 | 55 | 44 | 37 | 31 | 37 | 31 | 27 | 30 | 26 | 23 | 24 | 21 | 18 | 15 |
| 7 | 56 | 43 | 35 | 29 | 51 | 40 | 32 | 27 | 33 | 28 | 23 | 27 | 23 | 20 | 22 | 18 | 16 | 13 |
| 8 | 52 | 39 | 31 | 26 | 47 | 36 | 29 | 24 | 30 | 25 | 21 | 25 | 20 | 17 | 20 | 16 | 14 | 12 |
| 9 | 48 | 35 | 28 | 23 | 44 | 33 | 26 | 21 | 27 | 22 | 18 | 23 | 18 | 15 | 18 | 15 | 12 | 10 |
| 10 | 45 | 32 | 25 | 20 | 41 | 30 | 23 | 19 | 25 | 20 | 16 | 21 | 17 | 14 | 17 | 13 | 11 | 9 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° |
|-----|------|-------|-------|
| 0° | 4481 | 4481 | 4481 |
| 5° | 4376 | 5178 | 6024 |
| 10° | 3968 | 7547 | 9987 |
| 15° | 3372 | 9857 | 12059 |
| 20° | 2744 | 11420 | 12290 |
| 25° | 2288 | 11948 | 12040 |
| 30° | 1929 | 12020 | 12017 |
| 35° | 1704 | 11817 | 12328 |
| 40° | 1485 | 11554 | 12649 |
| 45° | 1343 | 11361 | 12698 |
| 50° | 1231 | 11187 | 12488 |
| 55° | 1178 | 10933 | 11935 |
| 60° | 1204 | 10448 | 11060 |
| 65° | 1252 | 9713 | 9860 |
| 70° | 1330 | 8465 | 8330 |
| 75° | 1467 | 6895 | 6500 |
| 80° | 1592 | 4776 | 4380 |
| 85° | 1389 | 2530 | 2242 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
 Vertical Angle: 45°
 Luminance: 12698 cd/sqm



TEST NUMBER: P938164

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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 93.7 | 0.8 |
| 10°-20° | 415.3 | 3.3 |
| 20°-30° | 726.5 | 5.8 |
| 30°-40° | 935.2 | 7.5 |
| 40°-50° | 1044.6 | 8.4 |
| 50°-60° | 1000.5 | 8.0 |
| 60°-70° | 792.9 | 6.3 |
| 70°-80° | 466.2 | 3.7 |
| 80°-90° | 133.6 | 1.1 |
| 90°-100° | 517.6 | 4.1 |
| 100°-110° | 1360.9 | 10.9 |
| 110°-120° | 1411.1 | 11.3 |
| 120°-130° | 1131.9 | 9.1 |
| 130°-140° | 888.1 | 7.1 |
| 140°-150° | 681.7 | 5.5 |
| 150°-160° | 490.9 | 3.9 |
| 160°-170° | 300.4 | 2.4 |
| 170°-180° | 101.5 | 0.8 |
| 0°-30° | 1235.5 | 9.9 |
| 0°-40° | 2170.7 | 17.4 |
| 0°-60° | 4215.7 | 33.7 |
| 0°-90° | 5608.4 | 44.9 |
| 90°-120° | 3289.7 | 26.3 |
| 90°-150° | 5991.4 | 48.0 |
| 90°-180° | 6884.0 | 55.1 |
| 0°-180° | 12492.5 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 22.5° | 45° | 67.5° | 90° | Flux |
|------|------|-------|------|-------|------|------|
| 0° | 724 | 724 | 724 | 724 | 724 | |
| 5° | 706 | 757 | 852 | 964 | 999 | 65 |
| 15° | 529 | 976 | 1645 | 1994 | 2057 | 147 |
| 25° | 338 | 1106 | 1959 | 2045 | 2048 | 156 |
| 35° | 228 | 1058 | 1845 | 1950 | 2027 | 143 |
| 45° | 156 | 843 | 1631 | 1868 | 1952 | 121 |
| 55° | 112 | 536 | 1384 | 1607 | 1652 | 102 |
| 65° | 89 | 284 | 1027 | 1155 | 1172 | 88 |
| 75° | 65 | 175 | 564 | 620 | 622 | 68 |
| 85° | 23 | 54 | 140 | 154 | 156 | 25 |
| 90° | 7 | 20 | 54 | 27 | 27 | 7 |
| 95° | 68 | 268 | 892 | 460 | 313 | 76 |
| 105° | 245 | 371 | 1505 | 2284 | 2131 | 260 |
| 115° | 435 | 529 | 1205 | 2404 | 2744 | 430 |
| 125° | 606 | 679 | 1096 | 1852 | 2185 | 538 |
| 135° | 722 | 795 | 1062 | 1495 | 1696 | 559 |
| 145° | 837 | 891 | 1048 | 1276 | 1376 | 525 |
| 155° | 946 | 973 | 1048 | 1151 | 1185 | 435 |
| 165° | 1021 | 1035 | 1048 | 1090 | 1103 | 288 |
| 175° | 1062 | 1062 | 1056 | 1069 | 1069 | 101 |
| 180° | 1062 | 1062 | 1062 | 1062 | 1062 | |



TEST NUMBER: P938164

CATALOG NUMBER: SQ4-FB-125U-125D-93050-1D-UNV-STD-W-6-5000K

CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 724.4 | 724.4 | 724.4 | 724.4 | 724.4 | 724.4 | 724.4 | 724.4 | 724.4 | 724.4 | 724.4 |
| 2.5° | 724.4 | 724.4 | 729.1 | 731.4 | 736.1 | 738.5 | 743.1 | 747.7 | 761.7 | 764.1 | 768.8 |
| 5° | 705.8 | 715.2 | 745.4 | 757.1 | 789.7 | 833.9 | 852.5 | 882.8 | 945.8 | 964.4 | 976.1 |
| 7.5° | 677.9 | 698.8 | 773.3 | 792.0 | 873.6 | 990.0 | 1038.9 | 1104.2 | 1204.3 | 1253.2 | 1292.8 |
| 10° | 633.6 | 677.9 | 810.6 | 854.9 | 987.7 | 1164.7 | 1255.6 | 1346.4 | 1497.9 | 1565.4 | 1591.0 |
| 12.5° | 584.7 | 656.9 | 850.2 | 910.8 | 1101.8 | 1360.4 | 1469.9 | 1570.0 | 1742.4 | 1833.3 | 1847.2 |
| 15° | 528.8 | 626.6 | 887.5 | 976.1 | 1222.9 | 1523.5 | 1644.6 | 1768.0 | 1928.8 | 1994.0 | 2010.3 |
| 17.5° | 479.9 | 603.3 | 922.5 | 1015.6 | 1316.2 | 1670.2 | 1793.6 | 1896.1 | 2026.6 | 2070.9 | 2082.5 |
| 20° | 419.3 | 566.0 | 945.8 | 1066.9 | 1414.0 | 1777.4 | 1896.1 | 1975.3 | 2063.9 | 2091.8 | 2096.5 |
| 22.5° | 375.1 | 526.5 | 959.7 | 1085.5 | 1479.2 | 1842.5 | 1942.8 | 2005.6 | 2066.2 | 2075.6 | 2077.8 |
| 25° | 337.8 | 482.2 | 957.4 | 1106.5 | 1535.1 | 1882.2 | 1959.1 | 2005.6 | 2040.6 | 2045.3 | 2045.3 |
| 27.5° | 302.8 | 433.2 | 948.1 | 1111.1 | 1577.1 | 1891.5 | 1952.0 | 1984.7 | 2000.9 | 2010.3 | 2010.3 |
| 30° | 272.6 | 386.7 | 924.8 | 1101.8 | 1595.7 | 1882.2 | 1931.1 | 1947.4 | 1963.7 | 1977.7 | 1984.7 |
| 32.5° | 249.2 | 342.4 | 889.8 | 1083.2 | 1598.0 | 1858.9 | 1893.8 | 1903.1 | 1926.4 | 1959.1 | 1970.7 |
| 35° | 228.3 | 298.2 | 850.2 | 1057.6 | 1584.0 | 1821.6 | 1844.9 | 1854.2 | 1900.8 | 1949.7 | 1966.1 |
| 37.5° | 207.3 | 265.6 | 799.0 | 1013.3 | 1563.0 | 1777.4 | 1793.6 | 1810.0 | 1882.2 | 1940.4 | 1959.1 |
| 40° | 186.4 | 237.6 | 738.5 | 964.4 | 1530.4 | 1723.8 | 1737.7 | 1763.4 | 1858.9 | 1926.4 | 1945.1 |
| 42.5° | 170.0 | 214.3 | 673.2 | 913.1 | 1488.5 | 1663.2 | 1684.2 | 1721.4 | 1830.9 | 1903.1 | 1924.1 |
| 45° | 156.1 | 191.0 | 603.3 | 843.3 | 1434.9 | 1600.3 | 1630.6 | 1681.9 | 1798.3 | 1868.2 | 1886.9 |
| 47.5° | 142.1 | 174.7 | 531.1 | 771.0 | 1376.7 | 1537.4 | 1577.1 | 1635.2 | 1754.1 | 1821.6 | 1838.0 |
| 50° | 130.4 | 158.4 | 458.9 | 694.1 | 1313.8 | 1469.9 | 1516.5 | 1577.1 | 1698.2 | 1761.1 | 1782.0 |
| 52.5° | 121.1 | 144.4 | 391.3 | 617.3 | 1241.5 | 1399.9 | 1453.5 | 1516.5 | 1630.6 | 1691.1 | 1705.2 |
| 55° | 111.8 | 132.8 | 333.1 | 535.8 | 1167.0 | 1325.4 | 1383.7 | 1444.3 | 1556.0 | 1607.3 | 1616.6 |
| 57.5° | 107.2 | 123.4 | 284.2 | 458.9 | 1087.8 | 1241.5 | 1306.8 | 1362.7 | 1467.6 | 1507.1 | 1516.5 |
| 60° | 100.1 | 116.5 | 247.0 | 393.7 | 1001.7 | 1162.4 | 1218.3 | 1274.2 | 1362.7 | 1395.4 | 1402.3 |
| 62.5° | 93.1 | 111.8 | 219.0 | 330.7 | 913.1 | 1069.2 | 1125.1 | 1176.4 | 1250.9 | 1274.2 | 1283.5 |
| 65° | 88.6 | 107.2 | 198.0 | 284.2 | 822.3 | 971.4 | 1027.3 | 1071.5 | 1132.1 | 1155.4 | 1160.1 |
| 67.5° | 83.9 | 102.5 | 181.7 | 244.6 | 731.4 | 873.6 | 915.5 | 957.4 | 1004.0 | 1027.3 | 1029.7 |
| 70° | 76.9 | 97.8 | 167.8 | 216.7 | 638.3 | 761.7 | 796.7 | 840.9 | 878.2 | 889.8 | 896.9 |
| 72.5° | 72.2 | 90.9 | 158.4 | 195.7 | 542.7 | 654.6 | 687.2 | 712.8 | 745.4 | 757.1 | 757.1 |
| 75° | 65.2 | 81.5 | 149.1 | 174.7 | 444.9 | 535.8 | 563.7 | 589.3 | 614.9 | 619.6 | 612.7 |
| 77.5° | 58.3 | 72.2 | 128.1 | 146.7 | 347.1 | 424.0 | 447.3 | 461.2 | 482.2 | 486.8 | 489.2 |
| 80° | 48.9 | 62.9 | 100.1 | 114.2 | 251.5 | 312.1 | 328.4 | 340.1 | 358.7 | 358.7 | 363.4 |
| 82.5° | 37.3 | 48.9 | 72.2 | 81.5 | 170.0 | 214.3 | 228.3 | 235.3 | 247.0 | 247.0 | 247.0 |
| 85° | 23.3 | 30.3 | 46.6 | 53.6 | 102.5 | 130.4 | 139.8 | 142.1 | 151.4 | 153.7 | 153.7 |
| 87.5° | 11.7 | 16.3 | 30.3 | 32.6 | 53.6 | 67.5 | 67.5 | 72.2 | 72.2 | 69.9 | 67.5 |
| 90° | 7.2 | 12.8 | 18.5 | 19.9 | 31.3 | 46.5 | 54.1 | 48.1 | 36.1 | 27.1 | 27.1 |
| 92.5° | 28.5 | 77.0 | 125.4 | 137.6 | 193.4 | 267.8 | 305.0 | 267.3 | 192.0 | 135.5 | 130.0 |
| 95° | 68.5 | 157.1 | 245.8 | 268.0 | 475.8 | 753.1 | 891.6 | 795.6 | 603.7 | 459.7 | 443.3 |
| 97.5° | 118.3 | 196.5 | 274.8 | 294.3 | 640.9 | 1103.2 | 1334.2 | 1273.6 | 1152.3 | 1061.2 | 1030.2 |
| 100° | 156.8 | 227.8 | 298.7 | 316.4 | 701.0 | 1213.9 | 1470.3 | 1474.7 | 1483.6 | 1490.2 | 1453.3 |
| 102.5° | 189.6 | 255.8 | 322.0 | 338.5 | 728.6 | 1248.7 | 1508.8 | 1586.1 | 1740.7 | 1856.6 | 1824.9 |
| 105° | 245.2 | 301.3 | 357.3 | 371.3 | 749.0 | 1252.7 | 1504.6 | 1677.8 | 2024.3 | 2284.2 | 2267.2 |
| 107.5° | 302.2 | 354.4 | 406.7 | 419.8 | 752.9 | 1196.9 | 1419.0 | 1660.8 | 2144.1 | 2506.6 | 2510.7 |
| 110° | 340.6 | 387.8 | 435.0 | 446.8 | 747.1 | 1147.5 | 1347.7 | 1617.9 | 2158.3 | 2563.7 | 2581.4 |



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CANDELA DISTRIBUTION (continued):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 378.5 | 423.4 | 468.4 | 479.7 | 747.4 | 1104.4 | 1282.8 | 1559.3 | 2112.4 | 2527.2 | 2554.5 |
| 115° | 435.4 | 476.9 | 518.5 | 528.9 | 754.3 | 1054.9 | 1205.2 | 1471.6 | 2004.4 | 2404.0 | 2441.8 |
| 117.5° | 491.8 | 529.5 | 567.1 | 576.6 | 768.3 | 1023.9 | 1151.7 | 1392.1 | 1873.0 | 2233.7 | 2275.5 |
| 120° | 524.6 | 560.1 | 595.5 | 604.4 | 779.7 | 1013.4 | 1130.3 | 1350.0 | 1789.3 | 2118.9 | 2159.6 |
| 122.5° | 556.7 | 592.5 | 628.3 | 637.2 | 796.1 | 1008.0 | 1114.0 | 1311.8 | 1707.5 | 2004.2 | 2044.3 |
| 125° | 605.8 | 638.4 | 671.0 | 679.2 | 818.2 | 1003.5 | 1096.2 | 1264.2 | 1600.3 | 1852.4 | 1889.4 |
| 127.5° | 645.7 | 678.6 | 711.6 | 719.8 | 840.3 | 1000.9 | 1081.2 | 1225.5 | 1514.1 | 1730.5 | 1761.7 |
| 130° | 667.1 | 702.6 | 738.0 | 746.9 | 856.4 | 1002.4 | 1075.4 | 1203.9 | 1460.8 | 1653.5 | 1682.3 |
| 132.5° | 689.2 | 724.7 | 760.1 | 769.0 | 869.5 | 1003.5 | 1070.5 | 1185.5 | 1415.5 | 1587.9 | 1613.7 |
| 135° | 722.0 | 754.3 | 786.6 | 794.6 | 883.7 | 1002.6 | 1062.0 | 1158.2 | 1350.8 | 1495.3 | 1517.5 |
| 137.5° | 755.4 | 787.5 | 819.5 | 827.5 | 905.1 | 1008.7 | 1060.5 | 1141.9 | 1304.7 | 1426.8 | 1445.0 |
| 140° | 783.3 | 812.7 | 842.2 | 849.5 | 918.2 | 1009.7 | 1055.5 | 1125.8 | 1266.5 | 1372.0 | 1389.0 |
| 142.5° | 804.6 | 831.9 | 859.1 | 865.9 | 929.2 | 1013.4 | 1055.5 | 1117.3 | 1240.8 | 1333.5 | 1348.2 |
| 145° | 837.4 | 861.2 | 884.9 | 890.9 | 943.4 | 1013.4 | 1048.4 | 1098.9 | 1200.0 | 1275.8 | 1286.9 |
| 147.5° | 870.3 | 893.4 | 916.5 | 922.3 | 964.3 | 1020.4 | 1048.4 | 1088.1 | 1167.7 | 1227.3 | 1236.5 |
| 150° | 891.6 | 912.6 | 933.4 | 938.6 | 975.2 | 1024.0 | 1048.4 | 1082.0 | 1149.1 | 1199.5 | 1207.0 |
| 152.5° | 913.7 | 929.5 | 945.4 | 949.4 | 982.4 | 1026.4 | 1048.4 | 1077.0 | 1134.4 | 1177.4 | 1183.0 |
| 155° | 946.5 | 958.3 | 969.9 | 972.8 | 998.0 | 1031.6 | 1048.4 | 1071.2 | 1116.8 | 1151.1 | 1154.8 |
| 157.5° | 970.7 | 982.1 | 993.5 | 996.3 | 1013.7 | 1036.8 | 1048.4 | 1066.1 | 1101.6 | 1128.2 | 1130.8 |
| 160° | 987.1 | 996.0 | 1004.9 | 1007.1 | 1020.8 | 1039.2 | 1048.4 | 1063.6 | 1094.0 | 1116.8 | 1118.3 |
| 162.5° | 1003.5 | 1010.1 | 1016.8 | 1018.5 | 1028.5 | 1041.8 | 1048.4 | 1061.2 | 1086.8 | 1106.1 | 1107.6 |
| 165° | 1021.3 | 1027.4 | 1033.4 | 1034.9 | 1039.4 | 1045.3 | 1048.4 | 1057.6 | 1076.0 | 1089.8 | 1091.2 |
| 167.5° | 1037.7 | 1040.6 | 1043.4 | 1044.2 | 1047.9 | 1053.0 | 1055.5 | 1061.6 | 1073.6 | 1082.6 | 1083.2 |
| 170° | 1048.4 | 1051.2 | 1054.1 | 1054.8 | 1055.1 | 1055.3 | 1055.5 | 1061.6 | 1073.6 | 1082.6 | 1082.6 |
| 172.5° | 1054.1 | 1054.7 | 1055.3 | 1055.5 | 1055.5 | 1055.5 | 1055.5 | 1060.3 | 1069.8 | 1076.9 | 1076.4 |
| 175° | 1062.0 | 1062.0 | 1062.0 | 1062.0 | 1059.8 | 1057.0 | 1055.5 | 1058.6 | 1064.6 | 1069.1 | 1069.1 |
| 177.5° | 1062.0 | 1062.0 | 1062.0 | 1062.0 | 1060.3 | 1058.0 | 1056.9 | 1059.3 | 1064.1 | 1067.6 | 1067.0 |
| 180° | 1062.0 | 1062.0 | 1062.0 | 1062.0 | 1062.0 | 1062.0 | 1062.0 | 1062.0 | 1062.0 | 1062.0 | 1062.0 |



TEST NUMBER: P938164

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CANDELA DISTRIBUTION (continued):

| | 80° | 90° |
|--------|--------|--------|
| 0° | 724.4 | 724.4 |
| 2.5° | 773.3 | 768.8 |
| 5° | 994.7 | 999.4 |
| 7.5° | 1339.5 | 1337.1 |
| 10° | 1665.5 | 1686.5 |
| 12.5° | 1903.1 | 1907.8 |
| 15° | 2047.6 | 2056.9 |
| 17.5° | 2103.4 | 2105.8 |
| 20° | 2105.8 | 2101.2 |
| 22.5° | 2080.1 | 2075.6 |
| 25° | 2049.9 | 2047.6 |
| 27.5° | 2022.0 | 2024.3 |
| 30° | 2010.3 | 2017.3 |
| 32.5° | 2010.3 | 2022.0 |
| 35° | 2015.0 | 2026.6 |
| 37.5° | 2012.6 | 2026.6 |
| 40° | 2003.3 | 2019.6 |
| 42.5° | 1977.7 | 1989.4 |
| 45° | 1938.1 | 1952.0 |
| 47.5° | 1886.9 | 1896.1 |
| 50° | 1821.6 | 1830.9 |
| 52.5° | 1740.0 | 1742.4 |
| 55° | 1642.2 | 1651.6 |
| 57.5° | 1537.4 | 1539.7 |
| 60° | 1421.0 | 1427.9 |
| 62.5° | 1297.5 | 1297.5 |
| 65° | 1167.0 | 1171.7 |
| 67.5° | 1031.9 | 1043.6 |
| 70° | 894.5 | 896.9 |
| 72.5° | 759.4 | 759.4 |
| 75° | 619.6 | 621.9 |
| 77.5° | 486.8 | 486.8 |
| 80° | 361.0 | 363.4 |
| 82.5° | 249.2 | 253.9 |
| 85° | 156.1 | 156.1 |
| 87.5° | 72.2 | 65.2 |
| 90° | 27.1 | 27.1 |
| 92.5° | 108.5 | 86.9 |
| 95° | 378.1 | 312.8 |
| 97.5° | 906.0 | 781.9 |
| 100° | 1305.4 | 1157.5 |
| 102.5° | 1698.2 | 1571.6 |
| 105° | 2199.1 | 2131.0 |
| 107.5° | 2527.1 | 2543.7 |
| 110° | 2652.3 | 2723.3 |



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CATALOG NUMBER: SQ4-FB-125U-125D-93050-1D-UNV-STD-W-6-5000K

CANDELA DISTRIBUTION (continued):

| | 80° | 90° |
|--------|--------|--------|
| 112.5° | 2663.4 | 2772.4 |
| 115° | 2592.9 | 2743.9 |
| 117.5° | 2443.1 | 2610.7 |
| 120° | 2322.4 | 2485.2 |
| 122.5° | 2204.9 | 2365.5 |
| 125° | 2037.3 | 2185.2 |
| 127.5° | 1886.5 | 2011.3 |
| 130° | 1797.7 | 1912.9 |
| 132.5° | 1717.0 | 1820.2 |
| 135° | 1606.5 | 1695.5 |
| 137.5° | 1517.9 | 1590.7 |
| 140° | 1457.1 | 1525.2 |
| 142.5° | 1406.7 | 1465.4 |
| 145° | 1331.2 | 1375.5 |
| 147.5° | 1273.3 | 1310.0 |
| 150° | 1236.8 | 1266.5 |
| 152.5° | 1205.5 | 1228.0 |
| 155° | 1169.7 | 1184.6 |
| 157.5° | 1141.2 | 1151.7 |
| 160° | 1124.4 | 1130.3 |
| 162.5° | 1113.3 | 1118.9 |
| 165° | 1097.3 | 1103.3 |
| 167.5° | 1085.7 | 1088.3 |
| 170° | 1082.6 | 1082.6 |
| 172.5° | 1074.2 | 1072.0 |
| 175° | 1069.1 | 1069.1 |
| 177.5° | 1064.5 | 1062.0 |
| 180° | 1062.0 | 1062.0 |



TEST NUMBER: P938164
 CATALOG NUMBER: SQ4-FB-125U-125D-93050-1D-UNV-STD-W-6-5000K

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 | 5.73 | 6.58 | 6.72 | 7.59 | 8.93 | 18.89 | 19.74 | 19.88 | 20.75 | 22.09 |
| | 3H | 6.43 | 7.20 | 7.43 | 8.21 | 9.57 | 20.73 | 21.49 | 21.73 | 22.51 | 23.87 |
| | 4H | 6.73 | 7.45 | 7.75 | 8.48 | 9.84 | 21.37 | 22.09 | 22.38 | 23.11 | 24.48 |
| | 6H | 6.98 | 7.65 | 8.01 | 8.67 | 10.05 | 21.79 | 22.46 | 22.82 | 23.49 | 24.87 |
| | 8H | 7.05 | 7.68 | 8.08 | 8.73 | 10.10 | 21.91 | 22.55 | 22.94 | 23.59 | 24.97 |
| | 12H | 7.07 | 7.67 | 8.10 | 8.71 | 10.11 | 21.98 | 22.58 | 23.01 | 23.62 | 25.02 |
| 4H | 2H | 12.93 | 13.66 | 13.95 | 14.68 | 16.05 | 19.17 | 19.89 | 20.19 | 20.91 | 22.28 |
| | 3H | 14.50 | 15.11 | 15.53 | 16.16 | 17.54 | 21.21 | 21.81 | 22.24 | 22.86 | 24.24 |
| | 4H | 14.59 | 15.15 | 15.63 | 16.19 | 17.60 | 21.97 | 22.52 | 23.01 | 23.57 | 24.97 |
| | 6H | 14.60 | 15.08 | 15.65 | 16.15 | 17.55 | 22.50 | 22.98 | 23.55 | 24.05 | 25.45 |
| | 8H | 14.58 | 15.03 | 15.63 | 16.09 | 17.50 | 22.66 | 23.11 | 23.71 | 24.17 | 25.58 |
| | 12H | 14.54 | 14.94 | 15.61 | 16.01 | 17.44 | 22.75 | 23.16 | 23.82 | 24.23 | 25.65 |
| 8H | 4H | 16.04 | 16.48 | 17.08 | 17.54 | 18.96 | 22.03 | 22.48 | 23.08 | 23.53 | 24.95 |
| | 6H | 16.28 | 16.65 | 17.35 | 17.75 | 19.16 | 22.65 | 23.02 | 23.73 | 24.12 | 25.53 |
| | 8H | 16.29 | 16.62 | 17.38 | 17.70 | 19.14 | 22.87 | 23.20 | 23.95 | 24.28 | 25.71 |
| | 12H | 16.26 | 16.55 | 17.35 | 17.63 | 19.10 | 23.01 | 23.30 | 24.10 | 24.38 | 25.85 |
| 12H | 4H | 16.18 | 16.58 | 17.25 | 17.65 | 19.07 | 21.98 | 22.39 | 23.05 | 23.46 | 24.88 |
| | 6H | 16.53 | 16.86 | 17.61 | 17.94 | 19.37 | 22.64 | 22.96 | 23.72 | 24.04 | 25.48 |
| | 8H | 16.60 | 16.89 | 17.69 | 17.97 | 19.44 | 22.86 | 23.15 | 23.95 | 24.23 | 25.70 |