

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: P938140

Luminaire Tested: SQ4-FB-125U-125D-92765-1D-UNV-STD-W-6-4000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P938140
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-92765-1D-UNV-STD-W-6-4000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Batwing Frosted Continuous Roll L
Light Source: -
Ballast/Driver: -

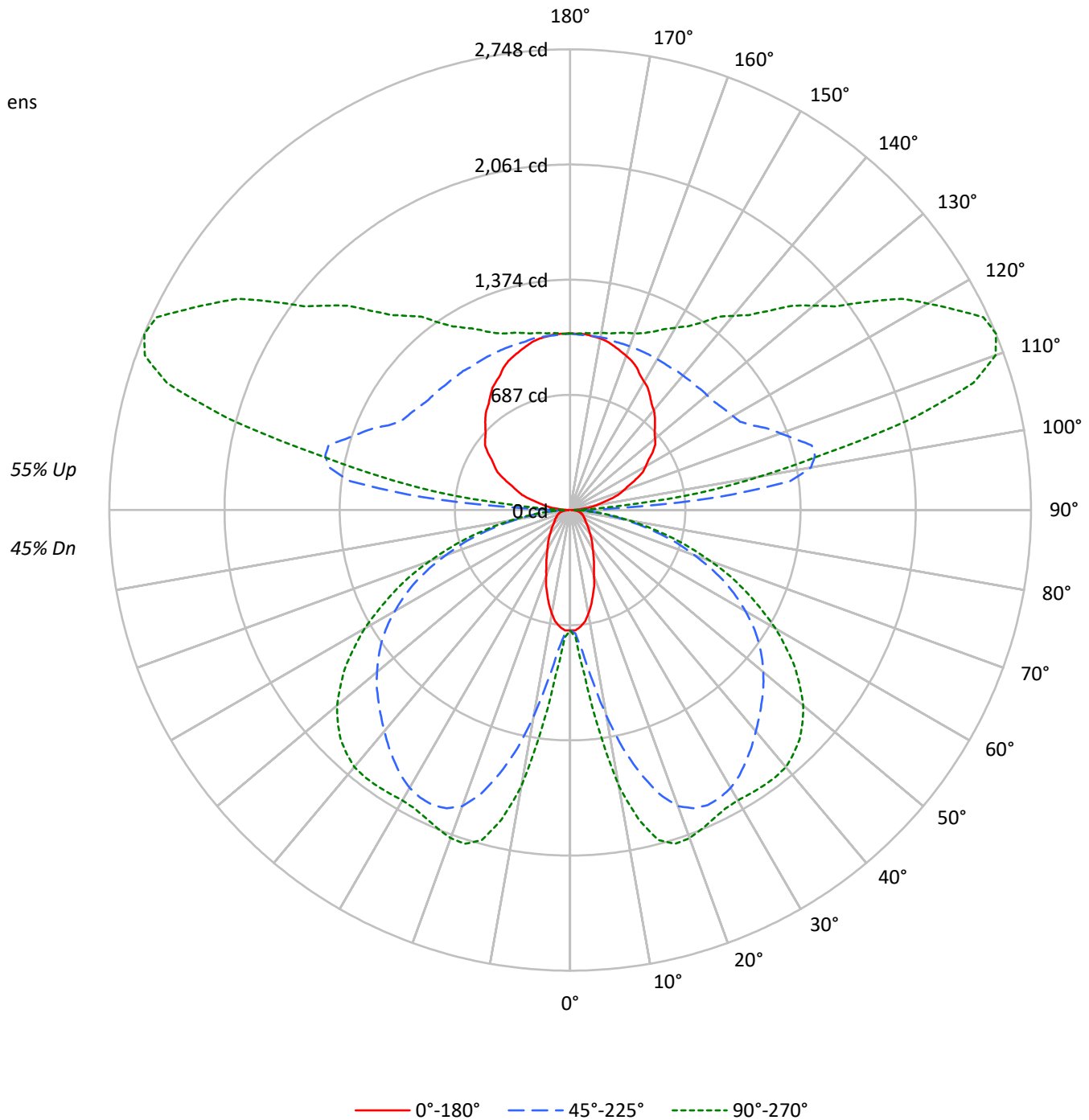
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12382.8 lumens
Efficiency: N/A
Efficacy: 109.8 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 (Ain): 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: P938140
CATALOG NUMBER: SQ4-FB-125U-125D-92765-1D-UNV-STD-W-6-4000K

Luminous Intensity Polar Plot





TEST NUMBER: P938140

CATALOG NUMBER: SQ4-FB-125U-125D-92765-1D-UNV-STD-W-6-4000K

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 | 106 | 106 | 106 | 106 | 97 | 97 | 97 | 97 | 80 | 80 | 80 | 65 | 65 | 65 | 51 | 51 | 51 | 45 | 45 | 45 | 45 | |
| 1 | 96 | 92 | 88 | 84 | 88 | 84 | 81 | 77 | 70 | 67 | 65 | 57 | 55 | 53 | 45 | 44 | 42 | 37 | 37 | 37 | 37 | |
| 2 | 87 | 79 | 73 | 68 | 79 | 73 | 67 | 63 | 61 | 56 | 53 | 49 | 46 | 44 | 39 | 37 | 35 | 30 | 30 | 30 | 30 | |
| 3 | 79 | 69 | 62 | 56 | 72 | 64 | 57 | 52 | 53 | 48 | 44 | 43 | 39 | 36 | 34 | 31 | 29 | 25 | 25 | 25 | 25 | |
| 4 | 72 | 61 | 53 | 47 | 66 | 56 | 49 | 43 | 47 | 41 | 37 | 38 | 34 | 31 | 30 | 27 | 25 | 21 | 21 | 21 | 21 | |
| 5 | 66 | 54 | 46 | 39 | 60 | 50 | 42 | 37 | 41 | 36 | 31 | 34 | 29 | 26 | 27 | 23 | 21 | 18 | 18 | 18 | 18 | |
| 6 | 60 | 48 | 40 | 34 | 55 | 44 | 37 | 31 | 37 | 31 | 27 | 30 | 26 | 23 | 24 | 21 | 18 | 15 | 15 | 15 | 15 | |
| 7 | 56 | 43 | 35 | 29 | 51 | 40 | 32 | 27 | 33 | 28 | 23 | 27 | 23 | 20 | 22 | 18 | 16 | 13 | 13 | 13 | 13 | |
| 8 | 52 | 39 | 31 | 26 | 47 | 36 | 29 | 24 | 30 | 25 | 21 | 25 | 20 | 17 | 20 | 16 | 14 | 12 | 12 | 12 | 12 | |
| 9 | 48 | 35 | 28 | 23 | 44 | 33 | 26 | 21 | 27 | 22 | 18 | 23 | 18 | 15 | 18 | 15 | 12 | 10 | 10 | 10 | 10 | |
| 10 | 45 | 32 | 25 | 20 | 41 | 30 | 23 | 19 | 25 | 20 | 16 | 21 | 17 | 14 | 17 | 13 | 11 | 9 | 9 | 9 | 9 | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° |
|-----|------|-------|-------|
| 0° | 4442 | 4442 | 4442 |
| 5° | 4338 | 5133 | 5971 |
| 10° | 3933 | 7481 | 9899 |
| 15° | 3342 | 9771 | 11953 |
| 20° | 2719 | 11320 | 12182 |
| 25° | 2268 | 11843 | 11934 |
| 30° | 1912 | 11914 | 11912 |
| 35° | 1689 | 11714 | 12220 |
| 40° | 1471 | 11453 | 12538 |
| 45° | 1331 | 11261 | 12587 |
| 50° | 1220 | 11089 | 12379 |
| 55° | 1167 | 10837 | 11830 |
| 60° | 1193 | 10356 | 10964 |
| 65° | 1241 | 9627 | 9773 |
| 70° | 1318 | 8391 | 8257 |
| 75° | 1456 | 6835 | 6443 |
| 80° | 1579 | 4735 | 4342 |
| 85° | 1377 | 2507 | 2222 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
 Vertical Angle: 45°
 Luminance: 12587 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 92.9 | 0.8 |
| 10°-20° | 411.7 | 3.3 |
| 20°-30° | 720.1 | 5.8 |
| 30°-40° | 927.0 | 7.5 |
| 40°-50° | 1035.4 | 8.4 |
| 50°-60° | 991.7 | 8.0 |
| 60°-70° | 785.9 | 6.3 |
| 70°-80° | 462.1 | 3.7 |
| 80°-90° | 132.4 | 1.1 |
| 90°-100° | 513.1 | 4.1 |
| 100°-110° | 1349.0 | 10.9 |
| 110°-120° | 1398.7 | 11.3 |
| 120°-130° | 1122.0 | 9.1 |
| 130°-140° | 880.3 | 7.1 |
| 140°-150° | 675.7 | 5.5 |
| 150°-160° | 486.6 | 3.9 |
| 160°-170° | 297.7 | 2.4 |
| 170°-180° | 100.6 | 0.8 |
| 0°-30° | 1224.7 | 9.9 |
| 0°-40° | 2151.7 | 17.4 |
| 0°-60° | 4178.7 | 33.7 |
| 0°-90° | 5559.2 | 44.9 |
| 90°-120° | 3260.8 | 26.3 |
| 90°-150° | 5938.8 | 48.0 |
| 90°-180° | 6824.0 | 55.1 |
| 0°-180° | 12382.8 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 22.5° | 45° | 67.5° | 90° | Flux |
|------|------|-------|------|-------|------|------|
| 0° | 718 | 718 | 718 | 718 | 718 | |
| 5° | 700 | 750 | 845 | 956 | 991 | 65 |
| 15° | 524 | 968 | 1630 | 1976 | 2039 | 146 |
| 25° | 335 | 1097 | 1942 | 2027 | 2030 | 154 |
| 35° | 226 | 1048 | 1829 | 1933 | 2009 | 141 |
| 45° | 155 | 836 | 1616 | 1852 | 1935 | 120 |
| 55° | 111 | 531 | 1372 | 1593 | 1637 | 101 |
| 65° | 88 | 282 | 1018 | 1145 | 1161 | 87 |
| 75° | 65 | 173 | 559 | 614 | 616 | 68 |
| 85° | 23 | 53 | 138 | 152 | 155 | 24 |
| 90° | 7 | 20 | 54 | 27 | 27 | 7 |
| 95° | 68 | 266 | 884 | 456 | 310 | 75 |
| 105° | 243 | 368 | 1491 | 2264 | 2112 | 258 |
| 115° | 432 | 524 | 1195 | 2383 | 2720 | 426 |
| 125° | 600 | 673 | 1087 | 1836 | 2166 | 533 |
| 135° | 716 | 788 | 1053 | 1482 | 1681 | 554 |
| 145° | 830 | 883 | 1039 | 1265 | 1364 | 520 |
| 155° | 938 | 964 | 1039 | 1141 | 1174 | 431 |
| 165° | 1012 | 1026 | 1039 | 1080 | 1094 | 286 |
| 175° | 1053 | 1053 | 1046 | 1060 | 1060 | 100 |
| 180° | 1053 | 1053 | 1053 | 1053 | 1053 | |



TEST NUMBER: P938140

CATALOG NUMBER: SQ4-FB-125U-125D-92765-1D-UNV-STD-W-6-4000K

CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 718.1 | 718.1 | 718.1 | 718.1 | 718.1 | 718.1 | 718.1 | 718.1 | 718.1 | 718.1 | 718.1 |
| 2.5° | 718.1 | 718.1 | 722.7 | 725.0 | 729.6 | 732.0 | 736.5 | 741.2 | 755.0 | 757.4 | 762.0 |
| 5° | 699.6 | 708.9 | 738.9 | 750.5 | 782.7 | 826.6 | 845.1 | 875.1 | 937.5 | 955.9 | 967.5 |
| 7.5° | 671.9 | 692.7 | 766.6 | 785.0 | 865.9 | 981.3 | 1029.8 | 1094.5 | 1193.7 | 1242.2 | 1281.5 |
| 10° | 628.0 | 671.9 | 803.5 | 847.4 | 979.0 | 1154.5 | 1244.6 | 1334.6 | 1484.7 | 1551.7 | 1577.0 |
| 12.5° | 579.5 | 651.1 | 842.8 | 902.8 | 1092.1 | 1348.4 | 1457.0 | 1556.2 | 1727.1 | 1817.2 | 1831.0 |
| 15° | 524.1 | 621.1 | 879.7 | 967.5 | 1212.2 | 1510.1 | 1630.2 | 1752.5 | 1911.9 | 1976.5 | 1992.7 |
| 17.5° | 475.6 | 598.0 | 914.4 | 1006.7 | 1304.6 | 1655.5 | 1777.9 | 1879.5 | 2008.8 | 2052.7 | 2064.2 |
| 20° | 415.6 | 561.1 | 937.5 | 1057.5 | 1401.6 | 1761.8 | 1879.5 | 1958.0 | 2045.8 | 2073.4 | 2078.1 |
| 22.5° | 371.8 | 521.9 | 951.3 | 1076.0 | 1466.2 | 1826.4 | 1925.7 | 1988.0 | 2048.0 | 2057.3 | 2059.6 |
| 25° | 334.8 | 477.9 | 949.0 | 1096.7 | 1521.6 | 1865.7 | 1941.9 | 1988.0 | 2022.7 | 2027.3 | 2027.3 |
| 27.5° | 300.2 | 429.4 | 939.7 | 1101.4 | 1563.2 | 1874.9 | 1934.9 | 1967.3 | 1983.4 | 1992.7 | 1992.7 |
| 30° | 270.2 | 383.3 | 916.6 | 1092.1 | 1581.7 | 1865.7 | 1914.1 | 1930.3 | 1946.4 | 1960.4 | 1967.3 |
| 32.5° | 247.1 | 339.4 | 882.0 | 1073.6 | 1584.0 | 1842.6 | 1877.2 | 1886.4 | 1909.5 | 1941.9 | 1953.4 |
| 35° | 226.3 | 295.5 | 842.8 | 1048.3 | 1570.1 | 1805.6 | 1828.7 | 1837.9 | 1884.1 | 1932.6 | 1948.8 |
| 37.5° | 205.5 | 263.2 | 792.0 | 1004.4 | 1549.3 | 1761.8 | 1777.9 | 1794.1 | 1865.7 | 1923.3 | 1941.9 |
| 40° | 184.7 | 235.5 | 732.0 | 955.9 | 1517.0 | 1708.7 | 1722.5 | 1747.9 | 1842.6 | 1909.5 | 1928.0 |
| 42.5° | 168.6 | 212.4 | 667.3 | 905.1 | 1475.4 | 1648.6 | 1669.4 | 1706.3 | 1814.8 | 1886.4 | 1907.2 |
| 45° | 154.7 | 189.3 | 598.0 | 835.9 | 1422.3 | 1586.2 | 1616.2 | 1667.1 | 1782.5 | 1851.8 | 1870.3 |
| 47.5° | 140.8 | 173.2 | 526.4 | 764.3 | 1364.6 | 1523.9 | 1563.2 | 1620.9 | 1738.7 | 1805.6 | 1821.8 |
| 50° | 129.3 | 157.0 | 454.9 | 688.0 | 1302.2 | 1457.0 | 1503.2 | 1563.2 | 1683.3 | 1745.6 | 1766.3 |
| 52.5° | 120.1 | 143.2 | 387.9 | 611.9 | 1230.6 | 1387.7 | 1440.8 | 1503.2 | 1616.2 | 1676.3 | 1690.2 |
| 55° | 110.8 | 131.6 | 330.2 | 531.0 | 1156.8 | 1313.8 | 1371.6 | 1431.6 | 1542.4 | 1593.2 | 1602.4 |
| 57.5° | 106.2 | 122.3 | 281.7 | 454.9 | 1078.3 | 1230.6 | 1295.3 | 1350.7 | 1454.7 | 1493.9 | 1503.2 |
| 60° | 99.2 | 115.4 | 244.8 | 390.2 | 992.9 | 1152.1 | 1207.6 | 1263.0 | 1350.7 | 1383.1 | 1390.0 |
| 62.5° | 92.3 | 110.8 | 217.0 | 327.8 | 905.1 | 1059.8 | 1115.2 | 1166.1 | 1239.9 | 1263.0 | 1272.2 |
| 65° | 87.8 | 106.2 | 196.3 | 281.7 | 815.0 | 962.9 | 1018.2 | 1062.1 | 1122.1 | 1145.2 | 1149.9 |
| 67.5° | 83.1 | 101.6 | 180.1 | 242.4 | 725.0 | 865.9 | 907.5 | 949.0 | 995.1 | 1018.2 | 1020.6 |
| 70° | 76.2 | 97.0 | 166.3 | 214.8 | 632.7 | 755.0 | 789.7 | 833.5 | 870.5 | 882.0 | 889.0 |
| 72.5° | 71.6 | 90.1 | 157.0 | 193.9 | 538.0 | 648.8 | 681.1 | 706.5 | 738.9 | 750.5 | 750.5 |
| 75° | 64.7 | 80.8 | 147.8 | 173.2 | 441.0 | 531.0 | 558.8 | 584.2 | 609.5 | 614.2 | 607.3 |
| 77.5° | 57.8 | 71.6 | 127.0 | 145.5 | 344.0 | 420.3 | 443.4 | 457.2 | 477.9 | 482.6 | 484.9 |
| 80° | 48.5 | 62.3 | 99.2 | 113.2 | 249.3 | 309.4 | 325.6 | 337.1 | 355.6 | 355.6 | 360.2 |
| 82.5° | 36.9 | 48.5 | 71.6 | 80.8 | 168.6 | 212.4 | 226.3 | 233.2 | 244.8 | 244.8 | 244.8 |
| 85° | 23.1 | 30.0 | 46.2 | 53.1 | 101.6 | 129.3 | 138.5 | 140.8 | 150.1 | 152.4 | 152.4 |
| 87.5° | 11.6 | 16.2 | 30.0 | 32.3 | 53.1 | 66.9 | 66.9 | 71.6 | 71.6 | 69.3 | 66.9 |
| 90° | 7.1 | 12.7 | 18.4 | 19.7 | 31.0 | 46.1 | 53.7 | 47.7 | 35.7 | 26.8 | 26.8 |
| 92.5° | 28.3 | 76.3 | 124.3 | 136.4 | 191.7 | 265.4 | 302.4 | 265.0 | 190.3 | 134.3 | 128.9 |
| 95° | 67.9 | 155.7 | 243.6 | 265.6 | 471.6 | 746.4 | 883.8 | 788.7 | 598.4 | 455.6 | 439.4 |
| 97.5° | 117.3 | 194.8 | 272.3 | 291.7 | 635.3 | 1093.5 | 1322.5 | 1262.4 | 1142.1 | 1051.9 | 1021.2 |
| 100° | 155.5 | 225.8 | 296.1 | 313.6 | 694.9 | 1203.3 | 1457.4 | 1461.8 | 1470.6 | 1477.2 | 1440.5 |
| 102.5° | 187.9 | 253.5 | 319.2 | 335.6 | 722.3 | 1237.7 | 1495.5 | 1572.1 | 1725.4 | 1840.3 | 1808.9 |
| 105° | 243.1 | 298.6 | 354.1 | 368.0 | 742.4 | 1241.7 | 1491.3 | 1663.1 | 2006.6 | 2264.2 | 2247.3 |
| 107.5° | 299.5 | 351.3 | 403.2 | 416.1 | 746.3 | 1186.4 | 1406.6 | 1646.2 | 2125.3 | 2484.6 | 2488.7 |
| 110° | 337.7 | 384.4 | 431.2 | 442.9 | 740.5 | 1137.4 | 1335.9 | 1603.7 | 2139.4 | 2541.2 | 2558.7 |



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CANDELA DISTRIBUTION (continued):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 375.1 | 419.7 | 464.3 | 475.5 | 740.8 | 1094.7 | 1271.6 | 1545.7 | 2093.9 | 2505.0 | 2532.1 |
| 115° | 431.6 | 472.7 | 513.9 | 524.2 | 747.7 | 1045.6 | 1194.6 | 1458.7 | 1986.8 | 2382.9 | 2420.4 |
| 117.5° | 487.5 | 524.9 | 562.2 | 571.5 | 761.5 | 1014.9 | 1141.6 | 1379.9 | 1856.6 | 2214.1 | 2255.5 |
| 120° | 519.9 | 555.2 | 590.3 | 599.1 | 772.8 | 1004.5 | 1120.4 | 1338.2 | 1773.6 | 2100.3 | 2140.6 |
| 122.5° | 551.8 | 587.3 | 622.7 | 631.6 | 789.1 | 999.1 | 1104.2 | 1300.3 | 1692.5 | 1986.6 | 2026.3 |
| 125° | 600.5 | 632.8 | 665.1 | 673.2 | 811.0 | 994.7 | 1086.6 | 1253.1 | 1586.2 | 1836.1 | 1872.8 |
| 127.5° | 640.0 | 672.7 | 705.3 | 713.5 | 833.0 | 992.1 | 1071.7 | 1214.7 | 1500.8 | 1715.3 | 1746.2 |
| 130° | 661.2 | 696.4 | 731.5 | 740.4 | 848.9 | 993.6 | 1066.0 | 1193.4 | 1448.0 | 1639.0 | 1667.5 |
| 132.5° | 683.1 | 718.3 | 753.5 | 762.3 | 861.9 | 994.7 | 1061.1 | 1175.1 | 1403.0 | 1573.9 | 1599.5 |
| 135° | 715.6 | 747.6 | 779.6 | 787.7 | 876.0 | 993.8 | 1052.6 | 1148.1 | 1339.0 | 1482.2 | 1504.2 |
| 137.5° | 748.8 | 780.6 | 812.3 | 820.2 | 897.2 | 999.9 | 1051.2 | 1131.9 | 1293.2 | 1414.3 | 1432.3 |
| 140° | 776.4 | 805.6 | 834.8 | 842.1 | 910.1 | 1000.9 | 1046.3 | 1115.9 | 1255.4 | 1359.9 | 1376.8 |
| 142.5° | 797.6 | 824.6 | 851.6 | 858.3 | 921.0 | 1004.5 | 1046.3 | 1107.5 | 1229.9 | 1321.8 | 1336.3 |
| 145° | 830.0 | 853.6 | 877.2 | 883.1 | 935.1 | 1004.5 | 1039.2 | 1089.3 | 1189.4 | 1264.6 | 1275.6 |
| 147.5° | 862.6 | 885.5 | 908.5 | 914.2 | 955.8 | 1011.4 | 1039.2 | 1078.6 | 1157.4 | 1216.5 | 1225.6 |
| 150° | 883.8 | 904.5 | 925.2 | 930.4 | 966.7 | 1015.0 | 1039.2 | 1072.5 | 1139.0 | 1189.0 | 1196.4 |
| 152.5° | 905.6 | 921.4 | 937.1 | 941.0 | 973.8 | 1017.3 | 1039.2 | 1067.5 | 1124.4 | 1167.1 | 1172.6 |
| 155° | 938.2 | 949.8 | 961.4 | 964.3 | 989.2 | 1022.5 | 1039.2 | 1061.8 | 1107.0 | 1141.0 | 1144.7 |
| 157.5° | 962.2 | 973.5 | 984.8 | 987.6 | 1004.8 | 1027.7 | 1039.2 | 1056.7 | 1091.9 | 1118.3 | 1120.9 |
| 160° | 978.4 | 987.2 | 996.1 | 998.2 | 1011.9 | 1030.1 | 1039.2 | 1054.3 | 1084.4 | 1107.0 | 1108.5 |
| 162.5° | 994.7 | 1001.2 | 1007.9 | 1009.5 | 1019.4 | 1032.6 | 1039.2 | 1051.9 | 1077.3 | 1096.4 | 1097.8 |
| 165° | 1012.3 | 1018.3 | 1024.3 | 1025.8 | 1030.3 | 1036.2 | 1039.2 | 1048.3 | 1066.5 | 1080.2 | 1081.6 |
| 167.5° | 1028.6 | 1031.4 | 1034.3 | 1035.0 | 1038.7 | 1043.7 | 1046.3 | 1052.3 | 1064.2 | 1073.1 | 1073.7 |
| 170° | 1039.2 | 1042.0 | 1044.8 | 1045.5 | 1045.8 | 1046.1 | 1046.3 | 1052.3 | 1064.2 | 1073.1 | 1073.1 |
| 172.5° | 1044.8 | 1045.4 | 1046.1 | 1046.3 | 1046.3 | 1046.3 | 1046.3 | 1051.0 | 1060.4 | 1067.5 | 1066.9 |
| 175° | 1052.6 | 1052.6 | 1052.6 | 1052.6 | 1050.5 | 1047.7 | 1046.3 | 1049.3 | 1055.3 | 1059.7 | 1059.7 |
| 177.5° | 1052.6 | 1052.6 | 1052.6 | 1052.6 | 1051.0 | 1048.7 | 1047.6 | 1050.0 | 1054.7 | 1058.3 | 1057.6 |
| 180° | 1052.6 | 1052.6 | 1052.6 | 1052.6 | 1052.6 | 1052.6 | 1052.6 | 1052.6 | 1052.6 | 1052.6 | 1052.6 |



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CATALOG NUMBER: SQ4-FB-125U-125D-92765-1D-UNV-STD-W-6-4000K

CANDELA DISTRIBUTION (continued):

| | 80° | 90° |
|--------|--------|--------|
| 0° | 718.1 | 718.1 |
| 2.5° | 766.6 | 762.0 |
| 5° | 986.0 | 990.6 |
| 7.5° | 1327.7 | 1325.3 |
| 10° | 1650.9 | 1671.7 |
| 12.5° | 1886.4 | 1891.0 |
| 15° | 2029.6 | 2038.9 |
| 17.5° | 2085.0 | 2087.3 |
| 20° | 2087.3 | 2082.7 |
| 22.5° | 2061.9 | 2057.3 |
| 25° | 2031.9 | 2029.6 |
| 27.5° | 2004.2 | 2006.5 |
| 30° | 1992.7 | 1999.6 |
| 32.5° | 1992.7 | 2004.2 |
| 35° | 1997.3 | 2008.8 |
| 37.5° | 1994.9 | 2008.8 |
| 40° | 1985.7 | 2001.8 |
| 42.5° | 1960.4 | 1971.9 |
| 45° | 1921.1 | 1934.9 |
| 47.5° | 1870.3 | 1879.5 |
| 50° | 1805.6 | 1814.8 |
| 52.5° | 1724.8 | 1727.1 |
| 55° | 1627.8 | 1637.1 |
| 57.5° | 1523.9 | 1526.2 |
| 60° | 1408.5 | 1415.4 |
| 62.5° | 1286.1 | 1286.1 |
| 65° | 1156.8 | 1161.4 |
| 67.5° | 1022.9 | 1034.4 |
| 70° | 886.6 | 889.0 |
| 72.5° | 752.7 | 752.7 |
| 75° | 614.2 | 616.5 |
| 77.5° | 482.6 | 482.6 |
| 80° | 357.9 | 360.2 |
| 82.5° | 247.1 | 251.7 |
| 85° | 154.7 | 154.7 |
| 87.5° | 71.6 | 64.7 |
| 90° | 26.8 | 26.8 |
| 92.5° | 107.5 | 86.1 |
| 95° | 374.8 | 310.1 |
| 97.5° | 898.1 | 775.0 |
| 100° | 1294.0 | 1147.3 |
| 102.5° | 1683.3 | 1557.8 |
| 105° | 2179.8 | 2112.3 |
| 107.5° | 2505.0 | 2521.3 |
| 110° | 2629.0 | 2699.3 |



TEST NUMBER: P938140

CATALOG NUMBER: SQ4-FB-125U-125D-92765-1D-UNV-STD-W-6-4000K

CANDELA DISTRIBUTION (continued):

| | 80° | 90° |
|--------|--------|--------|
| 112.5° | 2640.0 | 2748.1 |
| 115° | 2570.1 | 2719.8 |
| 117.5° | 2421.6 | 2587.7 |
| 120° | 2302.0 | 2463.4 |
| 122.5° | 2185.5 | 2344.7 |
| 125° | 2019.4 | 2166.0 |
| 127.5° | 1869.9 | 1993.7 |
| 130° | 1781.9 | 1896.1 |
| 132.5° | 1701.9 | 1804.3 |
| 135° | 1592.4 | 1680.6 |
| 137.5° | 1504.5 | 1576.8 |
| 140° | 1444.3 | 1511.8 |
| 142.5° | 1394.4 | 1452.5 |
| 145° | 1319.5 | 1363.5 |
| 147.5° | 1262.1 | 1298.5 |
| 150° | 1225.9 | 1255.4 |
| 152.5° | 1194.9 | 1217.2 |
| 155° | 1159.4 | 1174.2 |
| 157.5° | 1131.2 | 1141.6 |
| 160° | 1114.5 | 1120.4 |
| 162.5° | 1103.5 | 1109.1 |
| 165° | 1087.7 | 1093.6 |
| 167.5° | 1076.2 | 1078.7 |
| 170° | 1073.1 | 1073.1 |
| 172.5° | 1064.7 | 1062.5 |
| 175° | 1059.7 | 1059.7 |
| 177.5° | 1055.2 | 1052.6 |
| 180° | 1052.6 | 1052.6 |



TEST NUMBER: P938140
 CATALOG NUMBER: SQ4-FB-125U-125D-92765-1D-UNV-STD-W-6-4000K

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 | 5.70 | 6.55 | 6.69 | 7.56 | 8.90 | 18.86 | 19.71 | 19.85 | 20.72 | 22.06 |
| | 3H | 6.40 | 7.17 | 7.40 | 8.18 | 9.54 | 20.70 | 21.46 | 21.70 | 22.48 | 23.84 |
| | 4H | 6.70 | 7.42 | 7.71 | 8.45 | 9.81 | 21.34 | 22.06 | 22.35 | 23.08 | 24.45 |
| | 6H | 6.95 | 7.62 | 7.98 | 8.64 | 10.02 | 21.76 | 22.43 | 22.79 | 23.46 | 24.84 |
| | 8H | 7.02 | 7.65 | 8.05 | 8.70 | 10.07 | 21.88 | 22.52 | 22.91 | 23.56 | 24.94 |
| | 12H | 7.03 | 7.64 | 8.07 | 8.68 | 10.08 | 21.95 | 22.55 | 22.98 | 23.59 | 24.99 |
| 4H | 2H | 12.90 | 13.63 | 13.92 | 14.65 | 16.02 | 19.14 | 19.86 | 20.16 | 20.88 | 22.25 |
| | 3H | 14.47 | 15.08 | 15.50 | 16.13 | 17.51 | 21.17 | 21.78 | 22.21 | 22.83 | 24.21 |
| | 4H | 14.56 | 15.12 | 15.60 | 16.16 | 17.56 | 21.94 | 22.49 | 22.98 | 23.53 | 24.94 |
| | 6H | 14.57 | 15.05 | 15.62 | 16.12 | 17.52 | 22.47 | 22.95 | 23.52 | 24.02 | 25.41 |
| | 8H | 14.55 | 15.00 | 15.60 | 16.06 | 17.47 | 22.63 | 23.08 | 23.68 | 24.14 | 25.55 |
| | 12H | 14.51 | 14.91 | 15.58 | 15.98 | 17.40 | 22.72 | 23.13 | 23.79 | 24.20 | 25.62 |
| 8H | 4H | 16.00 | 16.45 | 17.05 | 17.51 | 18.92 | 22.00 | 22.45 | 23.05 | 23.50 | 24.92 |
| | 6H | 16.25 | 16.62 | 17.32 | 17.72 | 19.13 | 22.62 | 22.99 | 23.70 | 24.09 | 25.50 |
| | 8H | 16.26 | 16.59 | 17.35 | 17.67 | 19.10 | 22.84 | 23.17 | 23.92 | 24.25 | 25.68 |
| | 12H | 16.23 | 16.52 | 17.32 | 17.60 | 19.07 | 22.98 | 23.27 | 24.07 | 24.35 | 25.82 |
| 12H | 4H | 16.15 | 16.55 | 17.21 | 17.62 | 19.04 | 21.95 | 22.36 | 23.02 | 23.43 | 24.85 |
| | 6H | 16.50 | 16.83 | 17.58 | 17.91 | 19.34 | 22.61 | 22.93 | 23.69 | 24.01 | 25.45 |
| | 8H | 16.57 | 16.86 | 17.66 | 17.94 | 19.41 | 22.83 | 23.12 | 23.92 | 24.20 | 25.67 |