

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: P938536

Luminaire Tested: SQ4-FB-150U-125D-92765-1D-UNV-STD-W-4-6500K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P938536
REPORT IS A COMBINATION OF REPORTS P933632 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FB-150U-125D-92765-1D-UNV-STD-W-4-6500K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Batwing Frosted Continuous Roll L
Light Source: -
Ballast/Driver: -

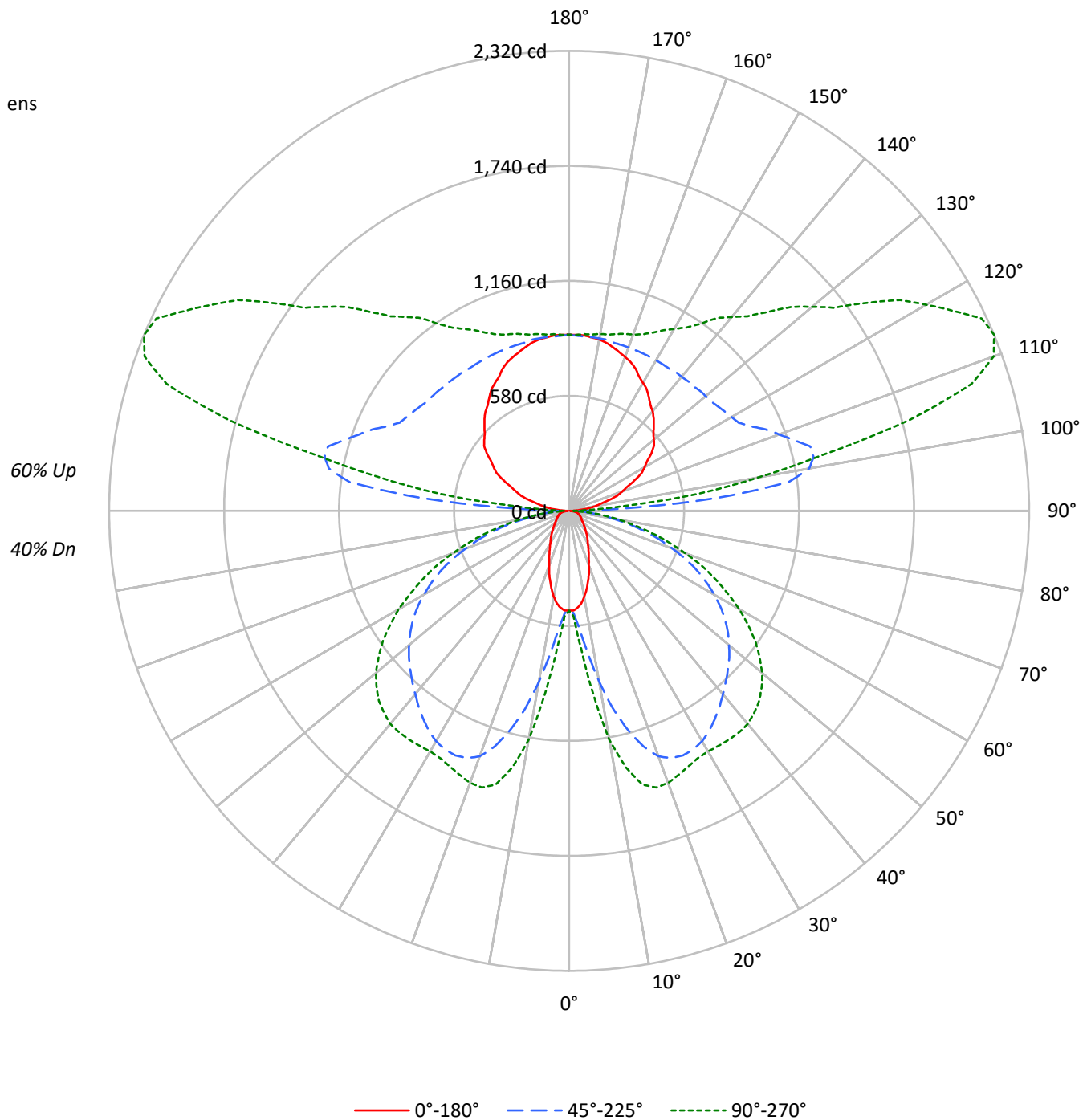
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9656.6 lumens
Efficiency: N/A
Efficacy: 116.1 lumens/watt
Spacing Criteria (0/90/45): 0.71 / 2.69 / 2.33
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 83.2
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: P938536
CATALOG NUMBER: SQ4-FB-150U-125D-92765-1D-UNV-STD-W-4-6500K

Luminous Intensity Polar Plot





TEST NUMBER: P938536

CATALOG NUMBER: SQ4-FB-150U-125D-92765-1D-UNV-STD-W-4-6500K

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 | 105 | 105 | 105 | 105 | 95 | 95 | 95 | 95 | 78 | 78 | 78 | 62 | 62 | 62 | 47 | 47 | 47 | 40 |
| 1 | 95 | 91 | 87 | 83 | 86 | 83 | 79 | 76 | 68 | 65 | 63 | 54 | 52 | 51 | 41 | 40 | 39 | 33 |
| 2 | 86 | 79 | 72 | 67 | 78 | 72 | 66 | 62 | 59 | 55 | 51 | 47 | 44 | 42 | 36 | 34 | 32 | 27 |
| 3 | 78 | 69 | 61 | 55 | 71 | 63 | 56 | 51 | 51 | 47 | 43 | 41 | 37 | 35 | 31 | 29 | 27 | 22 |
| 4 | 71 | 60 | 52 | 46 | 65 | 55 | 48 | 43 | 45 | 40 | 36 | 36 | 32 | 29 | 27 | 25 | 23 | 19 |
| 5 | 65 | 53 | 45 | 39 | 59 | 49 | 42 | 36 | 40 | 35 | 30 | 32 | 28 | 25 | 24 | 22 | 19 | 16 |
| 6 | 60 | 48 | 39 | 34 | 54 | 44 | 36 | 31 | 36 | 30 | 26 | 29 | 25 | 21 | 22 | 19 | 17 | 14 |
| 7 | 55 | 43 | 35 | 29 | 50 | 39 | 32 | 27 | 32 | 27 | 23 | 26 | 22 | 19 | 20 | 17 | 15 | 12 |
| 8 | 51 | 39 | 31 | 25 | 46 | 35 | 28 | 24 | 29 | 24 | 20 | 23 | 19 | 16 | 18 | 15 | 13 | 10 |
| 9 | 47 | 35 | 27 | 22 | 43 | 32 | 25 | 21 | 27 | 21 | 18 | 21 | 17 | 15 | 17 | 14 | 11 | 9 |
| 10 | 44 | 32 | 25 | 20 | 40 | 29 | 23 | 18 | 24 | 19 | 16 | 20 | 16 | 13 | 15 | 12 | 10 | 8 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° |
|-----|------|-------|-------|
| 0° | 4668 | 4668 | 4668 |
| 5° | 4556 | 5393 | 6276 |
| 10° | 4128 | 7854 | 10405 |
| 15° | 3505 | 10255 | 12563 |
| 20° | 2851 | 11876 | 12804 |
| 25° | 2374 | 12418 | 12544 |
| 30° | 1999 | 12486 | 12521 |
| 35° | 1765 | 12269 | 12844 |
| 40° | 1536 | 11990 | 13178 |
| 45° | 1388 | 11782 | 13231 |
| 50° | 1270 | 11593 | 13011 |
| 55° | 1212 | 11321 | 12434 |
| 60° | 1238 | 10809 | 11525 |
| 65° | 1282 | 10037 | 10272 |
| 70° | 1356 | 8735 | 8679 |
| 75° | 1486 | 7105 | 6773 |
| 80° | 1587 | 4909 | 4563 |
| 85° | 1341 | 2592 | 2336 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
 Vertical Angle: 45°
 Luminance: 13231 cd/sqm



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CATALOG NUMBER: SQ4-FB-150U-125D-92765-1D-UNV-STD-W-4-6500K

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 65.1 | 0.7 |
| 10°-20° | 288.5 | 3.0 |
| 20°-30° | 504.6 | 5.2 |
| 30°-40° | 649.6 | 6.7 |
| 40°-50° | 725.5 | 7.5 |
| 50°-60° | 694.9 | 7.2 |
| 60°-70° | 550.7 | 5.7 |
| 70°-80° | 323.8 | 3.4 |
| 80°-90° | 93.4 | 1.0 |
| 90°-100° | 433.2 | 4.5 |
| 100°-110° | 1138.8 | 11.8 |
| 110°-120° | 1180.8 | 12.2 |
| 120°-130° | 947.2 | 9.8 |
| 130°-140° | 743.2 | 7.7 |
| 140°-150° | 570.4 | 5.9 |
| 150°-160° | 410.8 | 4.3 |
| 160°-170° | 251.3 | 2.6 |
| 170°-180° | 84.9 | 0.9 |
| 0°-30° | 858.2 | 8.9 |
| 0°-40° | 1507.7 | 15.6 |
| 0°-60° | 2928.2 | 30.3 |
| 0°-90° | 3896.1 | 40.3 |
| 90°-120° | 2752.8 | 28.5 |
| 90°-150° | 5013.5 | 51.9 |
| 90°-180° | 5761.0 | 59.7 |
| 0°-180° | 9656.6 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 22.5° | 45° | 67.5° | 90° | Flux |
|------|-----|-------|------|-------|------|------|
| 0° | 503 | 503 | 503 | 503 | 503 | |
| 5° | 490 | 526 | 592 | 670 | 694 | 45 |
| 15° | 367 | 678 | 1142 | 1385 | 1429 | 102 |
| 25° | 235 | 768 | 1361 | 1421 | 1422 | 108 |
| 35° | 158 | 734 | 1281 | 1354 | 1408 | 99 |
| 45° | 108 | 586 | 1133 | 1298 | 1356 | 84 |
| 55° | 78 | 372 | 961 | 1116 | 1147 | 71 |
| 65° | 62 | 197 | 714 | 802 | 814 | 61 |
| 75° | 45 | 121 | 392 | 430 | 432 | 47 |
| 85° | 16 | 37 | 97 | 107 | 108 | 17 |
| 90° | 6 | 17 | 45 | 23 | 23 | 6 |
| 95° | 57 | 224 | 746 | 385 | 262 | 64 |
| 105° | 205 | 311 | 1259 | 1911 | 1783 | 217 |
| 115° | 364 | 442 | 1008 | 2012 | 2296 | 360 |
| 125° | 507 | 568 | 917 | 1550 | 1828 | 450 |
| 135° | 604 | 665 | 889 | 1251 | 1419 | 467 |
| 145° | 701 | 745 | 877 | 1068 | 1151 | 439 |
| 155° | 792 | 814 | 877 | 963 | 991 | 364 |
| 165° | 855 | 866 | 877 | 912 | 923 | 241 |
| 175° | 889 | 889 | 883 | 895 | 895 | 84 |
| 180° | 889 | 889 | 889 | 889 | 889 | |



TEST NUMBER: P938536

CATALOG NUMBER: SQ4-FB-150U-125D-92765-1D-UNV-STD-W-4-6500K

CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 503.1 | 503.1 | 503.1 | 503.1 | 503.1 | 503.1 | 503.1 | 503.1 | 503.1 | 503.1 | 503.1 |
| 2.5° | 503.1 | 503.1 | 506.4 | 508.0 | 511.3 | 512.9 | 516.2 | 519.4 | 529.1 | 530.7 | 533.9 |
| 5° | 490.2 | 496.7 | 517.8 | 525.8 | 548.5 | 579.3 | 592.2 | 613.2 | 656.9 | 669.8 | 677.9 |
| 7.5° | 470.8 | 485.4 | 537.2 | 550.1 | 606.7 | 687.6 | 721.6 | 767.0 | 836.5 | 870.4 | 898.0 |
| 10° | 440.0 | 470.8 | 563.0 | 593.8 | 686.0 | 808.9 | 872.0 | 935.2 | 1040.3 | 1087.3 | 1105.1 |
| 12.5° | 406.1 | 456.3 | 590.5 | 632.6 | 765.3 | 944.9 | 1020.9 | 1090.5 | 1210.3 | 1273.4 | 1283.0 |
| 15° | 367.3 | 435.3 | 616.5 | 677.9 | 849.4 | 1058.1 | 1142.3 | 1228.0 | 1339.7 | 1384.9 | 1396.3 |
| 17.5° | 333.3 | 419.1 | 640.7 | 705.5 | 914.1 | 1160.1 | 1245.8 | 1317.1 | 1407.6 | 1438.4 | 1446.4 |
| 20° | 291.3 | 393.2 | 656.9 | 741.0 | 982.1 | 1234.5 | 1317.1 | 1372.0 | 1433.5 | 1452.9 | 1456.2 |
| 22.5° | 260.5 | 365.6 | 666.6 | 754.0 | 1027.4 | 1279.8 | 1349.4 | 1393.1 | 1435.2 | 1441.7 | 1443.2 |
| 25° | 234.6 | 335.0 | 665.0 | 768.5 | 1066.3 | 1307.3 | 1360.8 | 1393.1 | 1417.4 | 1420.6 | 1420.6 |
| 27.5° | 210.4 | 300.9 | 658.5 | 771.7 | 1095.3 | 1313.8 | 1355.9 | 1378.5 | 1389.8 | 1396.3 | 1396.3 |
| 30° | 189.3 | 268.6 | 642.4 | 765.3 | 1108.3 | 1307.3 | 1341.3 | 1352.6 | 1363.9 | 1373.7 | 1378.5 |
| 32.5° | 173.2 | 237.8 | 618.1 | 752.3 | 1109.9 | 1291.1 | 1315.4 | 1321.8 | 1338.1 | 1360.8 | 1368.8 |
| 35° | 158.5 | 207.1 | 590.5 | 734.5 | 1100.2 | 1265.2 | 1281.4 | 1287.9 | 1320.2 | 1354.3 | 1365.5 |
| 37.5° | 144.0 | 184.4 | 555.0 | 703.9 | 1085.7 | 1234.5 | 1245.8 | 1257.2 | 1307.3 | 1347.8 | 1360.8 |
| 40° | 129.5 | 165.0 | 512.9 | 669.8 | 1063.0 | 1197.2 | 1207.0 | 1224.8 | 1291.1 | 1338.1 | 1351.0 |
| 42.5° | 118.1 | 148.9 | 467.6 | 634.2 | 1033.8 | 1155.3 | 1169.8 | 1195.7 | 1271.7 | 1321.8 | 1336.5 |
| 45° | 108.4 | 132.7 | 419.1 | 585.7 | 996.6 | 1111.6 | 1132.6 | 1168.2 | 1249.1 | 1297.6 | 1310.6 |
| 47.5° | 98.7 | 121.3 | 368.9 | 535.6 | 956.2 | 1067.9 | 1095.3 | 1135.9 | 1218.3 | 1265.2 | 1276.6 |
| 50° | 90.6 | 110.1 | 318.7 | 482.1 | 912.5 | 1020.9 | 1053.3 | 1095.3 | 1179.5 | 1223.2 | 1237.8 |
| 52.5° | 84.1 | 100.3 | 271.8 | 428.8 | 862.4 | 972.4 | 1009.6 | 1053.3 | 1132.6 | 1174.7 | 1184.3 |
| 55° | 77.6 | 92.2 | 231.4 | 372.2 | 810.6 | 920.6 | 961.1 | 1003.1 | 1080.8 | 1116.4 | 1122.9 |
| 57.5° | 74.4 | 85.8 | 197.4 | 318.7 | 755.6 | 862.4 | 907.7 | 946.5 | 1019.3 | 1046.8 | 1053.3 |
| 60° | 69.6 | 80.9 | 171.5 | 273.5 | 695.7 | 807.4 | 846.2 | 885.1 | 946.5 | 969.2 | 974.0 |
| 62.5° | 64.7 | 77.6 | 152.1 | 229.8 | 634.2 | 742.7 | 781.5 | 817.1 | 868.9 | 885.1 | 891.5 |
| 65° | 61.5 | 74.4 | 137.5 | 197.4 | 571.1 | 674.7 | 713.5 | 744.3 | 786.4 | 802.5 | 805.8 |
| 67.5° | 58.2 | 71.2 | 126.2 | 169.9 | 508.0 | 606.7 | 635.9 | 665.0 | 697.4 | 713.5 | 715.1 |
| 70° | 53.4 | 68.0 | 116.5 | 150.5 | 443.3 | 529.1 | 553.3 | 584.0 | 610.0 | 618.1 | 623.0 |
| 72.5° | 50.2 | 63.1 | 110.1 | 135.9 | 377.0 | 454.7 | 477.3 | 495.1 | 517.8 | 525.8 | 525.8 |
| 75° | 45.3 | 56.6 | 103.6 | 121.3 | 309.0 | 372.2 | 391.6 | 409.3 | 427.1 | 430.4 | 425.5 |
| 77.5° | 40.4 | 50.2 | 89.0 | 101.9 | 241.1 | 294.5 | 310.7 | 320.3 | 335.0 | 338.1 | 339.7 |
| 80° | 33.9 | 43.7 | 69.6 | 79.3 | 174.7 | 216.8 | 228.1 | 236.2 | 249.2 | 249.2 | 252.4 |
| 82.5° | 25.9 | 33.9 | 50.2 | 56.6 | 118.1 | 148.9 | 158.5 | 163.4 | 171.5 | 171.5 | 171.5 |
| 85° | 16.2 | 21.0 | 32.3 | 37.2 | 71.2 | 90.6 | 97.1 | 98.7 | 105.2 | 106.8 | 106.8 |
| 87.5° | 8.1 | 11.3 | 21.0 | 22.7 | 37.2 | 46.9 | 46.9 | 50.2 | 50.2 | 48.6 | 46.9 |
| 90° | 5.9 | 10.7 | 15.5 | 16.7 | 26.3 | 39.0 | 45.3 | 40.3 | 30.2 | 22.7 | 22.7 |
| 92.5° | 23.8 | 64.4 | 105.0 | 115.1 | 161.8 | 224.0 | 255.2 | 223.7 | 160.6 | 113.3 | 108.8 |
| 95° | 57.3 | 131.5 | 205.7 | 224.2 | 398.2 | 630.1 | 746.1 | 665.8 | 505.2 | 384.7 | 371.0 |
| 97.5° | 99.0 | 164.5 | 230.0 | 246.3 | 536.3 | 923.1 | 1116.5 | 1065.7 | 964.1 | 888.0 | 862.0 |
| 100° | 131.2 | 190.6 | 249.9 | 264.8 | 586.6 | 1015.8 | 1230.3 | 1234.1 | 1241.5 | 1247.1 | 1216.1 |
| 102.5° | 158.6 | 214.1 | 269.5 | 283.3 | 609.8 | 1044.9 | 1262.6 | 1327.2 | 1456.6 | 1553.6 | 1527.1 |
| 105° | 205.2 | 252.1 | 299.0 | 310.8 | 626.8 | 1048.2 | 1258.9 | 1403.9 | 1693.9 | 1911.4 | 1897.2 |
| 107.5° | 252.9 | 296.6 | 340.4 | 351.3 | 630.0 | 1001.6 | 1187.4 | 1389.6 | 1794.1 | 2097.5 | 2100.9 |
| 110° | 285.0 | 324.5 | 364.1 | 374.0 | 625.3 | 960.2 | 1127.7 | 1353.9 | 1806.1 | 2145.2 | 2160.0 |



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CANDELA DISTRIBUTION (continued):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| 112.5° | 316.7 | 354.4 | 392.0 | 401.4 | 625.4 | 924.2 | 1073.5 | 1304.9 | 1767.7 | 2114.8 | 2137.6 |
| 115° | 364.4 | 399.1 | 433.8 | 442.5 | 631.2 | 882.8 | 1008.5 | 1231.4 | 1677.3 | 2011.6 | 2043.3 |
| 117.5° | 411.5 | 443.1 | 474.7 | 482.5 | 642.9 | 856.8 | 963.7 | 1164.9 | 1567.3 | 1869.1 | 1904.2 |
| 120° | 438.9 | 468.6 | 498.3 | 505.7 | 652.4 | 848.0 | 945.9 | 1129.6 | 1497.3 | 1773.1 | 1807.1 |
| 122.5° | 465.8 | 495.7 | 525.7 | 533.2 | 666.2 | 843.6 | 932.2 | 1097.7 | 1428.7 | 1677.1 | 1710.6 |
| 125° | 507.0 | 534.2 | 561.6 | 568.4 | 684.6 | 839.7 | 917.3 | 1057.8 | 1339.1 | 1550.0 | 1581.0 |
| 127.5° | 540.3 | 567.9 | 595.4 | 602.3 | 703.1 | 837.5 | 904.7 | 1025.5 | 1267.0 | 1448.1 | 1474.2 |
| 130° | 558.2 | 587.9 | 617.5 | 625.0 | 716.7 | 838.9 | 900.0 | 1007.4 | 1222.4 | 1383.6 | 1407.7 |
| 132.5° | 576.7 | 606.4 | 636.1 | 643.5 | 727.6 | 839.7 | 895.8 | 992.0 | 1184.4 | 1328.7 | 1350.3 |
| 135° | 604.1 | 631.2 | 658.1 | 664.9 | 739.5 | 838.9 | 888.6 | 969.2 | 1130.3 | 1251.2 | 1269.8 |
| 137.5° | 632.1 | 658.9 | 685.7 | 692.4 | 757.4 | 844.1 | 887.4 | 955.5 | 1091.8 | 1194.0 | 1209.2 |
| 140° | 655.5 | 680.1 | 704.8 | 710.9 | 768.4 | 845.0 | 883.2 | 942.0 | 1059.7 | 1148.0 | 1162.3 |
| 142.5° | 673.4 | 696.1 | 718.9 | 724.6 | 777.5 | 848.0 | 883.2 | 935.0 | 1038.3 | 1115.9 | 1128.1 |
| 145° | 700.8 | 720.7 | 740.5 | 745.4 | 789.4 | 848.0 | 877.3 | 919.6 | 1004.1 | 1067.5 | 1076.8 |
| 147.5° | 728.1 | 747.6 | 766.9 | 771.7 | 806.9 | 853.9 | 877.3 | 910.6 | 977.0 | 1027.0 | 1034.6 |
| 150° | 746.1 | 763.6 | 781.0 | 785.4 | 816.0 | 856.8 | 877.3 | 905.4 | 961.5 | 1003.7 | 1009.9 |
| 152.5° | 764.6 | 777.9 | 791.1 | 794.4 | 822.0 | 858.9 | 877.3 | 901.3 | 949.3 | 985.3 | 989.9 |
| 155° | 792.0 | 801.9 | 811.6 | 814.1 | 835.1 | 863.3 | 877.3 | 896.4 | 934.6 | 963.2 | 966.3 |
| 157.5° | 812.3 | 821.8 | 831.3 | 833.7 | 848.2 | 867.6 | 877.3 | 892.1 | 921.8 | 944.0 | 946.2 |
| 160° | 826.0 | 833.4 | 840.9 | 842.7 | 854.3 | 869.7 | 877.3 | 890.0 | 915.5 | 934.5 | 935.7 |
| 162.5° | 839.7 | 845.3 | 850.8 | 852.3 | 860.6 | 871.8 | 877.3 | 888.0 | 909.5 | 925.6 | 926.7 |
| 165° | 854.6 | 859.6 | 864.7 | 865.9 | 869.8 | 874.8 | 877.3 | 885.0 | 900.4 | 911.8 | 913.1 |
| 167.5° | 868.3 | 870.7 | 873.1 | 873.7 | 876.8 | 881.1 | 883.2 | 888.3 | 898.3 | 905.9 | 906.5 |
| 170° | 877.3 | 879.7 | 882.1 | 882.7 | 882.9 | 883.1 | 883.2 | 888.3 | 898.3 | 905.9 | 905.9 |
| 172.5° | 882.1 | 882.6 | 883.1 | 883.2 | 883.2 | 883.2 | 883.2 | 887.3 | 895.2 | 901.1 | 900.6 |
| 175° | 888.6 | 888.6 | 888.6 | 888.6 | 886.8 | 884.4 | 883.2 | 885.7 | 890.8 | 894.6 | 894.6 |
| 177.5° | 888.6 | 888.6 | 888.6 | 888.6 | 887.3 | 885.4 | 884.5 | 886.5 | 890.4 | 893.4 | 892.8 |
| 180° | 888.6 | 888.6 | 888.6 | 888.6 | 888.6 | 888.6 | 888.6 | 888.6 | 888.6 | 888.6 | 888.6 |



TEST NUMBER: P938536

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CANDELA DISTRIBUTION (continued):

| | 80° | 90° |
|--------|--------|--------|
| 0° | 503.1 | 503.1 |
| 2.5° | 537.2 | 533.9 |
| 5° | 690.8 | 694.1 |
| 7.5° | 930.4 | 928.8 |
| 10° | 1156.8 | 1171.4 |
| 12.5° | 1321.8 | 1325.1 |
| 15° | 1422.2 | 1428.6 |
| 17.5° | 1461.1 | 1462.7 |
| 20° | 1462.7 | 1459.4 |
| 22.5° | 1444.8 | 1441.7 |
| 25° | 1423.8 | 1422.2 |
| 27.5° | 1404.4 | 1406.0 |
| 30° | 1396.3 | 1401.2 |
| 32.5° | 1396.3 | 1404.4 |
| 35° | 1399.6 | 1407.6 |
| 37.5° | 1398.0 | 1407.6 |
| 40° | 1391.5 | 1402.7 |
| 42.5° | 1373.7 | 1381.7 |
| 45° | 1346.1 | 1355.9 |
| 47.5° | 1310.6 | 1317.1 |
| 50° | 1265.2 | 1271.7 |
| 52.5° | 1208.6 | 1210.3 |
| 55° | 1140.6 | 1147.1 |
| 57.5° | 1067.9 | 1069.5 |
| 60° | 987.0 | 991.9 |
| 62.5° | 901.2 | 901.2 |
| 65° | 810.6 | 813.8 |
| 67.5° | 716.8 | 724.9 |
| 70° | 621.3 | 623.0 |
| 72.5° | 527.4 | 527.4 |
| 75° | 430.4 | 432.0 |
| 77.5° | 338.1 | 338.1 |
| 80° | 250.8 | 252.4 |
| 82.5° | 173.2 | 176.3 |
| 85° | 108.4 | 108.4 |
| 87.5° | 50.2 | 45.3 |
| 90° | 22.7 | 22.7 |
| 92.5° | 90.7 | 72.8 |
| 95° | 316.4 | 261.8 |
| 97.5° | 758.2 | 654.2 |
| 100° | 1092.4 | 968.5 |
| 102.5° | 1421.1 | 1315.1 |
| 105° | 1840.2 | 1783.2 |
| 107.5° | 2114.7 | 2128.5 |
| 110° | 2219.4 | 2278.8 |



TEST NUMBER: P938536

CATALOG NUMBER: SQ4-FB-150U-125D-92765-1D-UNV-STD-W-4-6500K

CANDELA DISTRIBUTION (continued):

| | 80° | 90° |
|--------|--------|--------|
| 112.5° | 2228.8 | 2319.9 |
| 115° | 2169.7 | 2296.1 |
| 117.5° | 2044.3 | 2184.5 |
| 120° | 1943.4 | 2079.6 |
| 122.5° | 1845.1 | 1979.4 |
| 125° | 1704.7 | 1828.5 |
| 127.5° | 1578.6 | 1683.0 |
| 130° | 1504.2 | 1600.7 |
| 132.5° | 1436.7 | 1523.1 |
| 135° | 1344.3 | 1418.8 |
| 137.5° | 1270.2 | 1331.1 |
| 140° | 1219.2 | 1276.2 |
| 142.5° | 1177.2 | 1226.1 |
| 145° | 1114.0 | 1151.1 |
| 147.5° | 1065.4 | 1096.2 |
| 150° | 1034.9 | 1059.7 |
| 152.5° | 1008.8 | 1027.5 |
| 155° | 978.8 | 991.2 |
| 157.5° | 954.9 | 963.7 |
| 160° | 940.8 | 945.9 |
| 162.5° | 931.5 | 936.3 |
| 165° | 918.1 | 923.2 |
| 167.5° | 908.6 | 910.7 |
| 170° | 905.9 | 905.9 |
| 172.5° | 898.8 | 897.0 |
| 175° | 894.6 | 894.6 |
| 177.5° | 890.7 | 888.6 |
| 180° | 888.6 | 888.6 |



TEST NUMBER: P938536
 CATALOG NUMBER: SQ4-FB-150U-125D-92765-1D-UNV-STD-W-4-6500K

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 | 5.39 | 6.20 | 6.42 | 7.24 | 8.64 | 18.53 | 19.34 | 19.56 | 20.38 | 21.78 |
| | 3H | 6.10 | 6.82 | 7.13 | 7.87 | 9.29 | 20.35 | 21.08 | 21.39 | 22.13 | 23.55 |
| | 4H | 6.39 | 7.08 | 7.44 | 8.13 | 9.56 | 20.98 | 21.67 | 22.03 | 22.73 | 24.15 |
| | 6H | 6.64 | 7.28 | 7.70 | 8.33 | 9.77 | 21.40 | 22.04 | 22.46 | 23.09 | 24.53 |
| | 8H | 6.71 | 7.31 | 7.77 | 8.38 | 9.82 | 21.51 | 22.12 | 22.58 | 23.19 | 24.62 |
| | 12H | 6.72 | 7.30 | 7.79 | 8.36 | 9.82 | 21.57 | 22.15 | 22.64 | 23.21 | 24.67 |
| 4H | 2H | 12.58 | 13.27 | 13.63 | 14.32 | 15.75 | 18.80 | 19.49 | 19.86 | 20.54 | 21.97 |
| | 3H | 14.14 | 14.72 | 15.21 | 15.80 | 17.24 | 20.83 | 21.40 | 21.89 | 22.48 | 23.92 |
| | 4H | 14.24 | 14.77 | 15.31 | 15.84 | 17.30 | 21.58 | 22.11 | 22.65 | 23.18 | 24.64 |
| | 6H | 14.24 | 14.70 | 15.32 | 15.79 | 17.25 | 22.11 | 22.56 | 23.19 | 23.66 | 25.11 |
| | 8H | 14.22 | 14.65 | 15.30 | 15.73 | 17.20 | 22.26 | 22.68 | 23.34 | 23.77 | 25.24 |
| | 12H | 14.17 | 14.56 | 15.27 | 15.66 | 17.14 | 22.34 | 22.73 | 23.44 | 23.83 | 25.30 |
| 8H | 4H | 15.67 | 16.09 | 16.75 | 17.18 | 18.65 | 21.64 | 22.06 | 22.72 | 23.15 | 24.62 |
| | 6H | 15.91 | 16.26 | 17.01 | 17.39 | 18.85 | 22.25 | 22.61 | 23.36 | 23.73 | 25.20 |
| | 8H | 15.92 | 16.23 | 17.03 | 17.34 | 18.83 | 22.46 | 22.77 | 23.58 | 23.88 | 25.37 |
| | 12H | 15.89 | 16.16 | 17.00 | 17.27 | 18.79 | 22.60 | 22.87 | 23.71 | 23.98 | 25.50 |
| 12H | 4H | 15.80 | 16.19 | 16.90 | 17.29 | 18.77 | 21.59 | 21.97 | 22.69 | 23.07 | 24.55 |
| | 6H | 16.16 | 16.47 | 17.27 | 17.58 | 19.07 | 22.24 | 22.55 | 23.35 | 23.65 | 25.14 |
| | 8H | 16.23 | 16.50 | 17.34 | 17.60 | 19.13 | 22.45 | 22.73 | 23.57 | 23.83 | 25.36 |