

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: P938533

Luminaire Tested: SQ4-FB-150U-125D-92765-1D-UNV-STD-W-4-3500K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P938533
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-4-3500K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Batwing Frosted Continuous Roll L
Light Source: -
Ballast/Driver: -

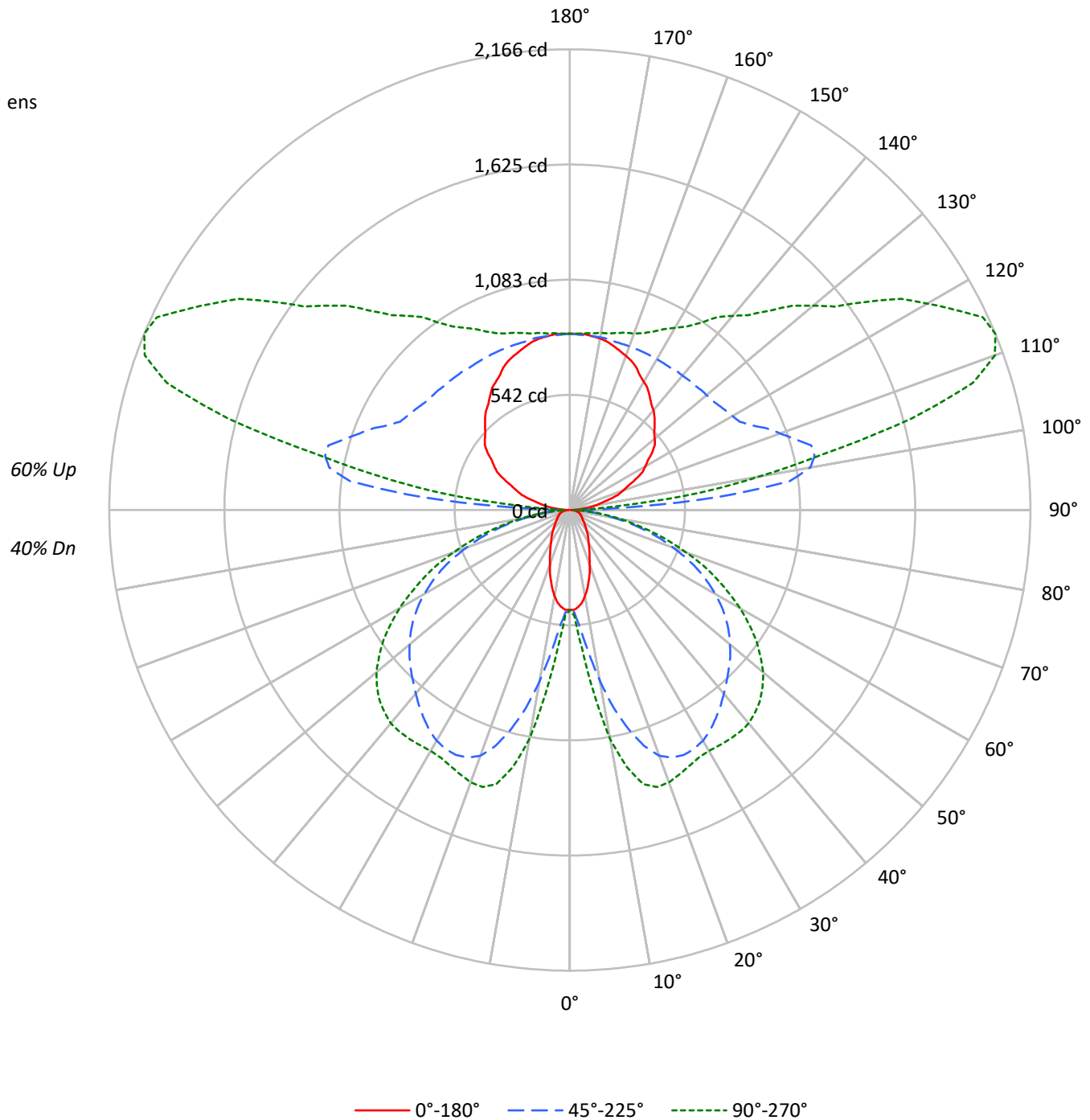
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9014.6 lumens
Efficiency: N/A
Efficacy: 108.3 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: P938533
CATALOG NUMBER: SQ4-FB-150U-125D-92765-1D-UNV-STD-W-4-3500K

Luminous Intensity Polar Plot





TEST NUMBER: P938533

CATALOG NUMBER: SQ4-FB-150U-125D-92765-1D-UNV-STD-W-4-3500K

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

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° |
|-----|------|-------|-------|
| 0° | 4358 | 4358 | 4358 |
| 5° | 4253 | 5034 | 5859 |
| 10° | 3854 | 7333 | 9713 |
| 15° | 3272 | 9573 | 11729 |
| 20° | 2661 | 11086 | 11953 |
| 25° | 2216 | 11592 | 11711 |
| 30° | 1866 | 11656 | 11688 |
| 35° | 1648 | 11453 | 11990 |
| 40° | 1434 | 11193 | 12303 |
| 45° | 1296 | 10999 | 12351 |
| 50° | 1186 | 10822 | 12147 |
| 55° | 1132 | 10568 | 11608 |
| 60° | 1156 | 10091 | 10758 |
| 65° | 1196 | 9370 | 9589 |
| 70° | 1264 | 8156 | 8101 |
| 75° | 1387 | 6632 | 6323 |
| 80° | 1484 | 4584 | 4261 |
| 85° | 1250 | 2418 | 2180 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
 Vertical Angle: 45°
 Luminance: 12351 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 60.8 | 0.7 |
| 10°-20° | 269.3 | 3.0 |
| 20°-30° | 471.0 | 5.2 |
| 30°-40° | 606.4 | 6.7 |
| 40°-50° | 677.3 | 7.5 |
| 50°-60° | 648.7 | 7.2 |
| 60°-70° | 514.1 | 5.7 |
| 70°-80° | 302.3 | 3.4 |
| 80°-90° | 87.2 | 1.0 |
| 90°-100° | 404.4 | 4.5 |
| 100°-110° | 1063.1 | 11.8 |
| 110°-120° | 1102.3 | 12.2 |
| 120°-130° | 884.2 | 9.8 |
| 130°-140° | 693.8 | 7.7 |
| 140°-150° | 532.5 | 5.9 |
| 150°-160° | 383.5 | 4.3 |
| 160°-170° | 234.6 | 2.6 |
| 170°-180° | 79.3 | 0.9 |
| 0°-30° | 801.1 | 8.9 |
| 0°-40° | 1407.5 | 15.6 |
| 0°-60° | 2733.5 | 30.3 |
| 0°-90° | 3637.0 | 40.3 |
| 90°-120° | 2569.7 | 28.5 |
| 90°-150° | 4680.2 | 51.9 |
| 90°-180° | 5378.0 | 59.7 |
| 0°-180° | 9014.6 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 22.5° | 45° | 67.5° | 90° | Flux |
|------|-----|-------|------|-------|------|------|
| 0° | 470 | 470 | 470 | 470 | 470 | |
| 5° | 458 | 491 | 553 | 625 | 648 | 42 |
| 15° | 343 | 633 | 1066 | 1293 | 1334 | 95 |
| 25° | 219 | 717 | 1270 | 1326 | 1328 | 101 |
| 35° | 148 | 686 | 1196 | 1264 | 1314 | 92 |
| 45° | 101 | 547 | 1057 | 1211 | 1266 | 78 |
| 55° | 72 | 347 | 897 | 1042 | 1071 | 66 |
| 65° | 57 | 184 | 666 | 749 | 760 | 57 |
| 75° | 42 | 113 | 366 | 402 | 403 | 44 |
| 85° | 15 | 35 | 91 | 100 | 101 | 16 |
| 90° | 6 | 16 | 42 | 21 | 21 | 6 |
| 95° | 54 | 209 | 696 | 359 | 244 | 59 |
| 105° | 192 | 290 | 1175 | 1784 | 1665 | 203 |
| 115° | 340 | 413 | 941 | 1878 | 2143 | 336 |
| 125° | 473 | 531 | 856 | 1447 | 1707 | 420 |
| 135° | 564 | 621 | 830 | 1168 | 1324 | 436 |
| 145° | 654 | 696 | 819 | 996 | 1074 | 410 |
| 155° | 739 | 760 | 819 | 899 | 925 | 340 |
| 165° | 798 | 808 | 819 | 851 | 862 | 225 |
| 175° | 830 | 830 | 824 | 835 | 835 | 79 |
| 180° | 830 | 830 | 830 | 830 | 830 | |



TEST NUMBER: P938533

CATALOG NUMBER: SQ4-FB-150U-125D-92765-1D-UNV-STD-W-4-3500K

CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 469.7 | 469.7 | 469.7 | 469.7 | 469.7 | 469.7 | 469.7 | 469.7 | 469.7 | 469.7 | 469.7 |
| 2.5° | 469.7 | 469.7 | 472.7 | 474.2 | 477.3 | 478.8 | 481.8 | 484.9 | 493.9 | 495.4 | 498.4 |
| 5° | 457.6 | 463.7 | 483.4 | 490.9 | 512.0 | 540.7 | 552.8 | 572.4 | 613.2 | 625.3 | 632.9 |
| 7.5° | 439.5 | 453.1 | 501.5 | 513.5 | 566.4 | 641.9 | 673.7 | 716.0 | 780.9 | 812.6 | 838.3 |
| 10° | 410.8 | 439.5 | 525.6 | 554.3 | 640.4 | 755.2 | 814.1 | 873.0 | 971.2 | 1015.0 | 1031.6 |
| 12.5° | 379.1 | 426.0 | 551.3 | 590.6 | 714.5 | 882.1 | 953.1 | 1018.0 | 1129.8 | 1188.7 | 1197.7 |
| 15° | 342.9 | 406.3 | 575.5 | 632.9 | 792.9 | 987.8 | 1066.3 | 1146.4 | 1250.6 | 1292.9 | 1303.5 |
| 17.5° | 311.2 | 391.2 | 598.1 | 658.6 | 853.3 | 1082.9 | 1163.0 | 1229.5 | 1314.0 | 1342.8 | 1350.3 |
| 20° | 271.9 | 367.0 | 613.2 | 691.8 | 916.8 | 1152.5 | 1229.5 | 1280.8 | 1338.2 | 1356.3 | 1359.4 |
| 22.5° | 243.1 | 341.3 | 622.2 | 703.8 | 959.1 | 1194.7 | 1259.7 | 1300.5 | 1339.7 | 1345.8 | 1347.2 |
| 25° | 219.0 | 312.7 | 620.8 | 717.4 | 995.4 | 1220.4 | 1270.3 | 1300.5 | 1323.1 | 1326.2 | 1326.2 |
| 27.5° | 196.4 | 280.9 | 614.7 | 720.4 | 1022.5 | 1226.5 | 1265.7 | 1286.9 | 1297.4 | 1303.5 | 1303.5 |
| 30° | 176.7 | 250.7 | 599.7 | 714.5 | 1034.6 | 1220.4 | 1252.1 | 1262.7 | 1273.2 | 1282.3 | 1286.9 |
| 32.5° | 161.7 | 222.0 | 577.0 | 702.3 | 1036.2 | 1205.3 | 1228.0 | 1234.0 | 1249.1 | 1270.3 | 1277.8 |
| 35° | 148.0 | 193.3 | 551.3 | 685.7 | 1027.0 | 1181.1 | 1196.2 | 1202.3 | 1232.4 | 1264.2 | 1274.8 |
| 37.5° | 134.4 | 172.2 | 518.1 | 657.1 | 1013.5 | 1152.5 | 1163.0 | 1173.6 | 1220.4 | 1258.1 | 1270.3 |
| 40° | 120.9 | 154.1 | 478.8 | 625.3 | 992.3 | 1117.6 | 1126.8 | 1143.4 | 1205.3 | 1249.1 | 1261.2 |
| 42.5° | 110.2 | 139.0 | 436.5 | 592.1 | 965.1 | 1078.5 | 1092.0 | 1116.2 | 1187.2 | 1234.0 | 1247.6 |
| 45° | 101.2 | 123.9 | 391.2 | 546.7 | 930.4 | 1037.7 | 1057.3 | 1090.5 | 1166.0 | 1211.4 | 1223.4 |
| 47.5° | 92.1 | 113.3 | 344.4 | 500.0 | 892.6 | 996.9 | 1022.5 | 1060.3 | 1137.3 | 1181.1 | 1191.7 |
| 50° | 84.6 | 102.7 | 297.5 | 450.1 | 851.8 | 953.1 | 983.3 | 1022.5 | 1101.0 | 1141.8 | 1155.5 |
| 52.5° | 78.6 | 93.6 | 253.8 | 400.3 | 805.1 | 907.7 | 942.5 | 983.3 | 1057.3 | 1096.6 | 1105.6 |
| 55° | 72.5 | 86.0 | 216.0 | 347.4 | 756.7 | 859.4 | 897.2 | 936.4 | 1008.9 | 1042.1 | 1048.2 |
| 57.5° | 69.4 | 80.1 | 184.2 | 297.5 | 705.3 | 805.1 | 847.4 | 883.6 | 951.5 | 977.2 | 983.3 |
| 60° | 65.0 | 75.5 | 160.1 | 255.3 | 649.5 | 753.7 | 790.0 | 826.2 | 883.6 | 904.8 | 909.2 |
| 62.5° | 60.4 | 72.5 | 142.0 | 214.5 | 592.1 | 693.3 | 729.5 | 762.7 | 811.1 | 826.2 | 832.2 |
| 65° | 57.4 | 69.4 | 128.4 | 184.2 | 533.2 | 629.8 | 666.1 | 694.8 | 734.1 | 749.2 | 752.2 |
| 67.5° | 54.4 | 66.5 | 117.8 | 158.6 | 474.2 | 566.4 | 593.6 | 620.8 | 651.0 | 666.1 | 667.6 |
| 70° | 49.8 | 63.5 | 108.7 | 140.5 | 413.8 | 493.9 | 516.6 | 545.2 | 569.4 | 577.0 | 581.5 |
| 72.5° | 46.9 | 58.9 | 102.7 | 126.8 | 352.0 | 424.4 | 445.6 | 462.2 | 483.4 | 490.9 | 490.9 |
| 75° | 42.3 | 52.8 | 96.7 | 113.3 | 288.5 | 347.4 | 365.5 | 382.1 | 398.7 | 401.8 | 397.2 |
| 77.5° | 37.8 | 46.9 | 83.1 | 95.2 | 225.0 | 274.9 | 290.0 | 299.0 | 312.7 | 315.6 | 317.1 |
| 80° | 31.7 | 40.8 | 65.0 | 74.0 | 163.1 | 202.4 | 213.0 | 220.5 | 232.6 | 232.6 | 235.7 |
| 82.5° | 24.2 | 31.7 | 46.9 | 52.8 | 110.2 | 139.0 | 148.0 | 152.5 | 160.1 | 160.1 | 160.1 |
| 85° | 15.1 | 19.6 | 30.2 | 34.7 | 66.5 | 84.6 | 90.6 | 92.1 | 98.2 | 99.7 | 99.7 |
| 87.5° | 7.6 | 10.5 | 19.6 | 21.2 | 34.7 | 43.8 | 43.8 | 46.9 | 46.9 | 45.3 | 43.8 |
| 90° | 5.5 | 10.0 | 14.5 | 15.6 | 24.5 | 36.4 | 42.3 | 37.6 | 28.2 | 21.2 | 21.2 |
| 92.5° | 22.2 | 60.1 | 98.0 | 107.5 | 151.0 | 209.1 | 238.2 | 208.8 | 150.0 | 105.8 | 101.6 |
| 95° | 53.5 | 122.7 | 192.0 | 209.3 | 371.7 | 588.2 | 696.5 | 621.5 | 471.6 | 359.1 | 346.3 |
| 97.5° | 92.4 | 153.5 | 214.7 | 229.9 | 500.7 | 861.7 | 1042.2 | 994.8 | 900.0 | 829.0 | 804.7 |
| 100° | 122.5 | 177.9 | 233.3 | 247.2 | 547.6 | 948.2 | 1148.5 | 1152.0 | 1159.0 | 1164.2 | 1135.2 |
| 102.5° | 148.1 | 199.9 | 251.5 | 264.5 | 569.2 | 975.5 | 1178.6 | 1239.0 | 1359.7 | 1450.3 | 1425.6 |
| 105° | 191.6 | 235.4 | 279.1 | 290.1 | 585.1 | 978.5 | 1175.2 | 1310.5 | 1581.3 | 1784.3 | 1771.0 |
| 107.5° | 236.1 | 276.9 | 317.8 | 327.9 | 588.1 | 935.0 | 1108.5 | 1297.2 | 1674.8 | 1958.1 | 1961.3 |
| 110° | 266.1 | 303.0 | 339.9 | 349.1 | 583.7 | 896.4 | 1052.8 | 1263.9 | 1686.0 | 2002.6 | 2016.4 |



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CANDELA DISTRIBUTION (continued):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| 112.5° | 295.6 | 330.8 | 366.0 | 374.7 | 583.9 | 862.7 | 1002.1 | 1218.2 | 1650.2 | 1974.2 | 1995.5 |
| 115° | 340.2 | 372.6 | 405.0 | 413.1 | 589.2 | 824.1 | 941.4 | 1149.5 | 1565.7 | 1877.9 | 1907.4 |
| 117.5° | 384.2 | 413.6 | 443.1 | 450.4 | 600.2 | 799.9 | 899.7 | 1087.5 | 1463.1 | 1744.8 | 1777.6 |
| 120° | 409.7 | 437.5 | 465.1 | 472.1 | 609.0 | 791.7 | 883.0 | 1054.5 | 1397.8 | 1655.2 | 1687.0 |
| 122.5° | 434.8 | 462.7 | 490.8 | 497.7 | 621.9 | 787.5 | 870.2 | 1024.7 | 1333.8 | 1565.6 | 1596.9 |
| 125° | 473.3 | 498.7 | 524.2 | 530.6 | 639.1 | 783.9 | 856.3 | 987.5 | 1250.0 | 1446.9 | 1475.9 |
| 127.5° | 504.4 | 530.1 | 555.8 | 562.3 | 656.3 | 781.8 | 844.6 | 957.3 | 1182.7 | 1351.8 | 1376.2 |
| 130° | 521.1 | 548.8 | 576.5 | 583.4 | 669.0 | 783.1 | 840.1 | 940.5 | 1141.1 | 1291.6 | 1314.1 |
| 132.5° | 538.3 | 566.1 | 593.8 | 600.7 | 679.2 | 783.9 | 836.2 | 926.0 | 1105.7 | 1240.4 | 1260.6 |
| 135° | 564.0 | 589.2 | 614.4 | 620.7 | 690.4 | 783.1 | 829.5 | 904.8 | 1055.2 | 1168.0 | 1185.4 |
| 137.5° | 590.1 | 615.1 | 640.1 | 646.3 | 707.0 | 788.0 | 828.4 | 892.0 | 1019.2 | 1114.6 | 1128.8 |
| 140° | 611.9 | 634.9 | 658.0 | 663.7 | 717.3 | 788.8 | 824.5 | 879.4 | 989.3 | 1071.7 | 1085.0 |
| 142.5° | 628.6 | 649.8 | 671.1 | 676.4 | 725.8 | 791.6 | 824.5 | 872.8 | 969.3 | 1041.7 | 1053.1 |
| 145° | 654.2 | 672.8 | 691.2 | 695.9 | 736.9 | 791.7 | 819.0 | 858.4 | 937.3 | 996.5 | 1005.2 |
| 147.5° | 679.7 | 697.9 | 715.9 | 720.4 | 753.3 | 797.1 | 819.0 | 850.0 | 912.1 | 958.7 | 965.8 |
| 150° | 696.5 | 712.8 | 729.1 | 733.2 | 761.8 | 799.9 | 819.0 | 845.2 | 897.6 | 937.0 | 942.8 |
| 152.5° | 713.7 | 726.1 | 738.5 | 741.6 | 767.4 | 801.8 | 819.0 | 841.4 | 886.2 | 919.8 | 924.1 |
| 155° | 739.4 | 748.6 | 757.7 | 760.0 | 779.6 | 805.9 | 819.0 | 836.8 | 872.4 | 899.1 | 902.1 |
| 157.5° | 758.3 | 767.2 | 776.0 | 778.3 | 791.8 | 810.0 | 819.0 | 832.8 | 860.5 | 881.3 | 883.3 |
| 160° | 771.0 | 778.0 | 785.0 | 786.7 | 797.5 | 811.8 | 819.0 | 830.9 | 854.6 | 872.4 | 873.5 |
| 162.5° | 783.9 | 789.1 | 794.3 | 795.6 | 803.4 | 813.8 | 819.0 | 829.0 | 849.1 | 864.1 | 865.1 |
| 165° | 797.8 | 802.5 | 807.2 | 808.4 | 811.9 | 816.7 | 819.0 | 826.1 | 840.5 | 851.2 | 852.4 |
| 167.5° | 810.6 | 812.8 | 815.1 | 815.6 | 818.5 | 822.5 | 824.5 | 829.2 | 838.6 | 845.7 | 846.2 |
| 170° | 819.0 | 821.2 | 823.4 | 824.0 | 824.2 | 824.4 | 824.5 | 829.2 | 838.6 | 845.7 | 845.7 |
| 172.5° | 823.4 | 823.9 | 824.4 | 824.5 | 824.5 | 824.5 | 824.5 | 828.3 | 835.7 | 841.2 | 840.8 |
| 175° | 829.5 | 829.5 | 829.5 | 829.5 | 827.8 | 825.6 | 824.5 | 826.8 | 831.6 | 835.1 | 835.1 |
| 177.5° | 829.5 | 829.5 | 829.5 | 829.5 | 828.3 | 826.6 | 825.7 | 827.5 | 831.2 | 834.0 | 833.4 |
| 180° | 829.5 | 829.5 | 829.5 | 829.5 | 829.5 | 829.5 | 829.5 | 829.5 | 829.5 | 829.5 | 829.5 |



TEST NUMBER: P938533

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CANDELA DISTRIBUTION (continued):

| | 80° | 90° |
|--------|--------|--------|
| 0° | 469.7 | 469.7 |
| 2.5° | 501.5 | 498.4 |
| 5° | 644.9 | 648.0 |
| 7.5° | 868.5 | 867.0 |
| 10° | 1079.9 | 1093.5 |
| 12.5° | 1234.0 | 1237.0 |
| 15° | 1327.7 | 1333.7 |
| 17.5° | 1363.9 | 1365.4 |
| 20° | 1365.4 | 1362.4 |
| 22.5° | 1348.7 | 1345.8 |
| 25° | 1329.1 | 1327.7 |
| 27.5° | 1311.0 | 1312.5 |
| 30° | 1303.5 | 1308.0 |
| 32.5° | 1303.5 | 1311.0 |
| 35° | 1306.5 | 1314.0 |
| 37.5° | 1305.0 | 1314.0 |
| 40° | 1298.9 | 1309.5 |
| 42.5° | 1282.3 | 1289.8 |
| 45° | 1256.6 | 1265.7 |
| 47.5° | 1223.4 | 1229.5 |
| 50° | 1181.1 | 1187.2 |
| 52.5° | 1128.3 | 1129.8 |
| 55° | 1064.8 | 1070.9 |
| 57.5° | 996.9 | 998.4 |
| 60° | 921.4 | 925.9 |
| 62.5° | 841.3 | 841.3 |
| 65° | 756.7 | 759.7 |
| 67.5° | 669.1 | 676.7 |
| 70° | 580.0 | 581.5 |
| 72.5° | 492.4 | 492.4 |
| 75° | 401.8 | 403.3 |
| 77.5° | 315.6 | 315.6 |
| 80° | 234.1 | 235.7 |
| 82.5° | 161.7 | 164.6 |
| 85° | 101.2 | 101.2 |
| 87.5° | 46.9 | 42.3 |
| 90° | 21.2 | 21.2 |
| 92.5° | 84.7 | 67.9 |
| 95° | 295.4 | 244.4 |
| 97.5° | 707.8 | 610.7 |
| 100° | 1019.7 | 904.1 |
| 102.5° | 1326.6 | 1227.6 |
| 105° | 1717.8 | 1664.6 |
| 107.5° | 1974.1 | 1987.0 |
| 110° | 2071.9 | 2127.3 |



TEST NUMBER: P938533

CATALOG NUMBER: SQ4-FB-150U-125D-92765-1D-UNV-STD-W-4-3500K

CANDELA DISTRIBUTION (continued):

| | 80° | 90° |
|--------|--------|--------|
| 112.5° | 2080.6 | 2165.7 |
| 115° | 2025.4 | 2143.4 |
| 117.5° | 1908.4 | 2039.3 |
| 120° | 1814.2 | 1941.4 |
| 122.5° | 1722.4 | 1847.8 |
| 125° | 1591.4 | 1707.0 |
| 127.5° | 1473.6 | 1571.1 |
| 130° | 1404.2 | 1494.2 |
| 132.5° | 1341.2 | 1421.9 |
| 135° | 1254.9 | 1324.5 |
| 137.5° | 1185.8 | 1242.6 |
| 140° | 1138.2 | 1191.4 |
| 142.5° | 1098.9 | 1144.6 |
| 145° | 1039.9 | 1074.5 |
| 147.5° | 994.6 | 1023.3 |
| 150° | 966.1 | 989.3 |
| 152.5° | 941.7 | 959.2 |
| 155° | 913.7 | 925.3 |
| 157.5° | 891.5 | 899.7 |
| 160° | 878.2 | 883.0 |
| 162.5° | 869.6 | 874.1 |
| 165° | 857.1 | 861.8 |
| 167.5° | 848.2 | 850.1 |
| 170° | 845.7 | 845.7 |
| 172.5° | 839.1 | 837.4 |
| 175° | 835.1 | 835.1 |
| 177.5° | 831.5 | 829.5 |
| 180° | 829.5 | 829.5 |



TEST NUMBER: P938533

CATALOG NUMBER: SQ4-FB-150U-125D-92765-1D-UNV-STD-W-4-3500K

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 | 5.15 | 5.96 | 6.18 | 7.00 | 8.40 | 18.29 | 19.10 | 19.32 | 20.14 | 21.54 |
| | 3H | 5.86 | 6.58 | 6.89 | 7.63 | 9.05 | 20.11 | 20.84 | 21.15 | 21.89 | 23.31 |
| | 4H | 6.15 | 6.84 | 7.20 | 7.89 | 9.32 | 20.75 | 21.44 | 21.80 | 22.49 | 23.91 |
| | 6H | 6.40 | 7.04 | 7.46 | 8.09 | 9.53 | 21.16 | 21.80 | 22.22 | 22.85 | 24.29 |
| | 8H | 6.47 | 7.07 | 7.53 | 8.15 | 9.58 | 21.27 | 21.88 | 22.34 | 22.95 | 24.39 |
| | 12H | 6.48 | 7.06 | 7.55 | 8.13 | 9.58 | 21.33 | 21.91 | 22.40 | 22.98 | 24.43 |
| 4H | 2H | 12.34 | 13.03 | 13.40 | 14.08 | 15.51 | 18.56 | 19.25 | 19.62 | 20.30 | 21.73 |
| | 3H | 13.90 | 14.48 | 14.97 | 15.56 | 17.00 | 20.59 | 21.17 | 21.65 | 22.25 | 23.68 |
| | 4H | 14.00 | 14.53 | 15.07 | 15.60 | 17.06 | 21.34 | 21.87 | 22.41 | 22.94 | 24.40 |
| | 6H | 14.00 | 14.46 | 15.09 | 15.55 | 17.01 | 21.87 | 22.32 | 22.95 | 23.42 | 24.87 |
| | 8H | 13.98 | 14.41 | 15.06 | 15.49 | 16.96 | 22.02 | 22.45 | 23.10 | 23.53 | 25.00 |
| | 12H | 13.93 | 14.32 | 15.03 | 15.42 | 16.90 | 22.10 | 22.49 | 23.20 | 23.59 | 25.07 |
| 8H | 4H | 15.43 | 15.85 | 16.51 | 16.94 | 18.41 | 21.40 | 21.83 | 22.48 | 22.91 | 24.38 |
| | 6H | 15.67 | 16.02 | 16.77 | 17.15 | 18.62 | 22.01 | 22.37 | 23.12 | 23.49 | 24.96 |
| | 8H | 15.68 | 15.99 | 16.79 | 17.10 | 18.59 | 22.23 | 22.53 | 23.34 | 23.64 | 25.13 |
| | 12H | 15.65 | 15.92 | 16.77 | 17.03 | 18.55 | 22.36 | 22.63 | 23.47 | 23.74 | 25.26 |
| 12H | 4H | 15.56 | 15.95 | 16.66 | 17.05 | 18.53 | 21.35 | 21.74 | 22.45 | 22.84 | 24.31 |
| | 6H | 15.92 | 16.23 | 17.03 | 17.34 | 18.83 | 22.00 | 22.31 | 23.11 | 23.42 | 24.90 |
| | 8H | 15.99 | 16.26 | 17.10 | 17.37 | 18.89 | 22.22 | 22.49 | 23.33 | 23.59 | 25.12 |