

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: P937237

Luminaire Tested: SQ4-FB-075U-100D-92765-1D-UNV-STD-W-6-2700K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P937237
REPORT IS A COMBINATION OF REPORTS P933511 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FB-075U-100D-92765-1D-UNV-STD-W-6-2700K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Batwing Frosted Continuous Roll L
Light Source: -
Ballast/Driver: -

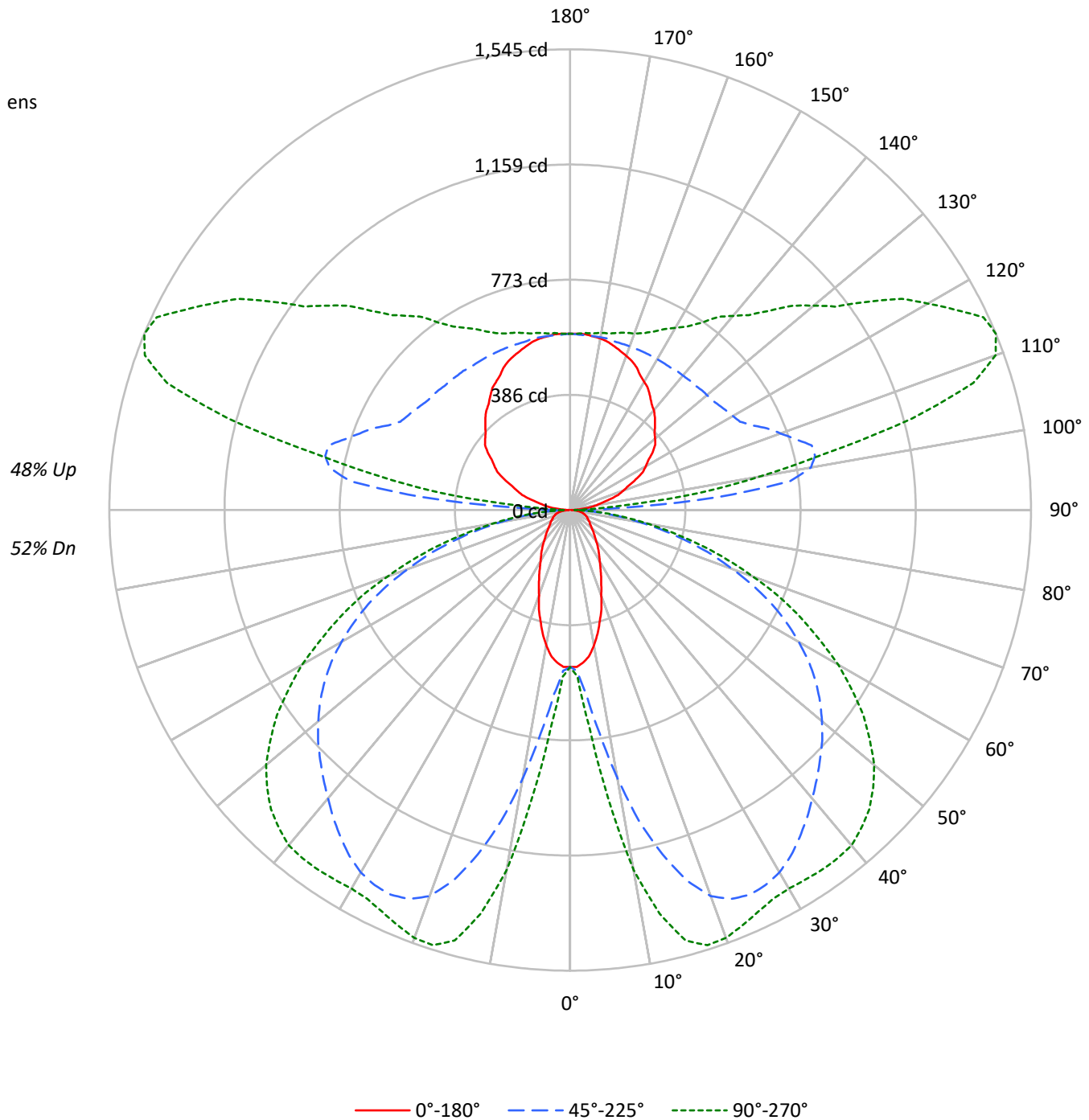
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7910.9 lumens
Efficiency: N/A
Efficacy: 103.0 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): 76.8
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: P937237
CATALOG NUMBER: SQ4-FB-075U-100D-92765-1D-UNV-STD-W-6-2700K

Luminous Intensity Polar Plot





TEST NUMBER: P937237

CATALOG NUMBER: SQ4-FB-075U-100D-92765-1D-UNV-STD-W-6-2700K

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 | 108 | 108 | 108 | 108 | 99 | 99 | 99 | 99 | 84 | 84 | 84 | 70 | 70 | 70 | 58 | 58 | 58 | 52 |
| 1 | 98 | 93 | 89 | 85 | 90 | 86 | 82 | 79 | 73 | 70 | 68 | 61 | 59 | 57 | 50 | 49 | 47 | 42 |
| 2 | 88 | 80 | 74 | 69 | 81 | 74 | 69 | 64 | 63 | 59 | 55 | 53 | 50 | 47 | 43 | 41 | 39 | 34 |
| 3 | 80 | 70 | 62 | 56 | 74 | 65 | 58 | 53 | 55 | 50 | 46 | 46 | 42 | 39 | 38 | 35 | 32 | 28 |
| 4 | 73 | 62 | 53 | 47 | 67 | 57 | 50 | 44 | 49 | 43 | 38 | 41 | 36 | 33 | 33 | 30 | 27 | 24 |
| 5 | 67 | 55 | 46 | 40 | 61 | 51 | 43 | 37 | 43 | 37 | 33 | 36 | 32 | 28 | 30 | 26 | 23 | 20 |
| 6 | 61 | 49 | 40 | 34 | 56 | 45 | 38 | 32 | 39 | 33 | 28 | 32 | 28 | 24 | 27 | 23 | 20 | 17 |
| 7 | 56 | 44 | 35 | 30 | 52 | 41 | 33 | 28 | 35 | 29 | 24 | 29 | 25 | 21 | 24 | 20 | 18 | 15 |
| 8 | 52 | 39 | 31 | 26 | 48 | 37 | 29 | 24 | 31 | 26 | 21 | 27 | 22 | 19 | 22 | 18 | 16 | 13 |
| 9 | 49 | 36 | 28 | 23 | 45 | 33 | 26 | 22 | 29 | 23 | 19 | 24 | 20 | 16 | 20 | 17 | 14 | 12 |
| 10 | 45 | 33 | 25 | 20 | 42 | 31 | 24 | 19 | 26 | 21 | 17 | 22 | 18 | 15 | 19 | 15 | 12 | 10 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° |
|-----|------|------|------|
| 0° | 3256 | 3256 | 3256 |
| 5° | 3180 | 3763 | 4377 |
| 10° | 2884 | 5484 | 7257 |
| 15° | 2450 | 7163 | 8762 |
| 20° | 1994 | 8299 | 8930 |
| 25° | 1663 | 8682 | 8749 |
| 30° | 1402 | 8734 | 8733 |
| 35° | 1238 | 8587 | 8959 |
| 40° | 1078 | 8396 | 9192 |
| 45° | 976 | 8256 | 9228 |
| 50° | 895 | 8129 | 9075 |
| 55° | 855 | 7944 | 8672 |
| 60° | 875 | 7592 | 8037 |
| 65° | 909 | 7058 | 7164 |
| 70° | 967 | 6151 | 6053 |
| 75° | 1067 | 5010 | 4723 |
| 80° | 1155 | 3470 | 3183 |
| 85° | 1008 | 1839 | 1629 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
 Vertical Angle: 45°
 Luminance: 9228 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 68.1 | 0.9 |
| 10°-20° | 301.8 | 3.8 |
| 20°-30° | 527.9 | 6.7 |
| 30°-40° | 679.6 | 8.6 |
| 40°-50° | 759.1 | 9.6 |
| 50°-60° | 727.0 | 9.2 |
| 60°-70° | 576.1 | 7.3 |
| 70°-80° | 338.8 | 4.3 |
| 80°-90° | 96.4 | 1.2 |
| 90°-100° | 288.4 | 3.6 |
| 100°-110° | 758.4 | 9.6 |
| 110°-120° | 786.3 | 9.9 |
| 120°-130° | 630.7 | 8.0 |
| 130°-140° | 494.9 | 6.3 |
| 140°-150° | 379.9 | 4.8 |
| 150°-160° | 273.6 | 3.5 |
| 160°-170° | 167.4 | 2.1 |
| 170°-180° | 56.5 | 0.7 |
| 0°-30° | 897.8 | 11.3 |
| 0°-40° | 1577.4 | 19.9 |
| 0°-60° | 3063.4 | 38.7 |
| 0°-90° | 4074.8 | 51.5 |
| 90°-120° | 1833.2 | 23.2 |
| 90°-150° | 3338.7 | 42.2 |
| 90°-180° | 3836.0 | 48.5 |
| 0°-180° | 7910.9 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 22.5° | 45° | 67.5° | 90° | Flux |
|------|-----|-------|------|-------|------|------|
| 0° | 526 | 526 | 526 | 526 | 526 | |
| 5° | 513 | 550 | 620 | 701 | 726 | 47 |
| 15° | 384 | 709 | 1195 | 1449 | 1495 | 107 |
| 25° | 246 | 804 | 1424 | 1486 | 1488 | 113 |
| 35° | 166 | 768 | 1341 | 1417 | 1473 | 104 |
| 45° | 113 | 613 | 1185 | 1358 | 1418 | 88 |
| 55° | 81 | 389 | 1006 | 1168 | 1200 | 74 |
| 65° | 64 | 206 | 746 | 840 | 851 | 64 |
| 75° | 47 | 127 | 410 | 450 | 452 | 50 |
| 85° | 17 | 39 | 102 | 112 | 113 | 18 |
| 90° | 4 | 11 | 30 | 15 | 15 | 4 |
| 95° | 38 | 149 | 497 | 256 | 174 | 42 |
| 105° | 137 | 207 | 838 | 1273 | 1188 | 145 |
| 115° | 243 | 295 | 672 | 1340 | 1529 | 240 |
| 125° | 338 | 378 | 611 | 1032 | 1218 | 300 |
| 135° | 402 | 443 | 592 | 833 | 945 | 311 |
| 145° | 467 | 496 | 584 | 711 | 766 | 292 |
| 155° | 527 | 542 | 584 | 642 | 660 | 242 |
| 165° | 569 | 577 | 584 | 607 | 615 | 161 |
| 175° | 592 | 592 | 588 | 596 | 596 | 56 |
| 180° | 592 | 592 | 592 | 592 | 592 | |



TEST NUMBER: P937237

CATALOG NUMBER: SQ4-FB-075U-100D-92765-1D-UNV-STD-W-6-2700K

CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 526.4 | 526.4 | 526.4 | 526.4 | 526.4 | 526.4 | 526.4 | 526.4 | 526.4 | 526.4 | 526.4 |
| 2.5° | 526.4 | 526.4 | 529.8 | 531.5 | 534.9 | 536.6 | 540.0 | 543.4 | 553.5 | 555.2 | 558.6 |
| 5° | 512.9 | 519.7 | 541.7 | 550.1 | 573.8 | 606.0 | 619.5 | 641.5 | 687.2 | 700.8 | 709.3 |
| 7.5° | 492.6 | 507.8 | 562.0 | 575.5 | 634.8 | 719.4 | 755.0 | 802.4 | 875.1 | 910.7 | 939.5 |
| 10° | 460.4 | 492.6 | 589.1 | 621.2 | 717.7 | 846.4 | 912.4 | 978.4 | 1088.4 | 1137.5 | 1156.1 |
| 12.5° | 424.8 | 477.4 | 617.9 | 661.9 | 800.7 | 988.6 | 1068.1 | 1140.9 | 1266.2 | 1332.2 | 1342.3 |
| 15° | 384.3 | 455.3 | 645.0 | 709.3 | 888.6 | 1107.0 | 1195.1 | 1284.8 | 1401.5 | 1448.9 | 1460.8 |
| 17.5° | 348.7 | 438.4 | 670.3 | 738.1 | 956.4 | 1213.7 | 1303.4 | 1377.9 | 1472.7 | 1504.8 | 1513.3 |
| 20° | 304.7 | 411.3 | 687.2 | 775.3 | 1027.5 | 1291.5 | 1377.9 | 1435.4 | 1499.8 | 1520.1 | 1523.4 |
| 22.5° | 272.6 | 382.6 | 697.4 | 788.8 | 1074.8 | 1338.9 | 1411.7 | 1457.4 | 1501.5 | 1508.2 | 1509.9 |
| 25° | 245.5 | 350.4 | 695.7 | 804.1 | 1115.5 | 1367.7 | 1423.6 | 1457.4 | 1482.9 | 1486.2 | 1486.2 |
| 27.5° | 220.0 | 314.8 | 688.9 | 807.4 | 1146.0 | 1374.5 | 1418.5 | 1442.2 | 1454.1 | 1460.8 | 1460.8 |
| 30° | 198.1 | 281.0 | 672.0 | 800.7 | 1159.5 | 1367.7 | 1403.2 | 1415.1 | 1427.0 | 1437.1 | 1442.2 |
| 32.5° | 181.2 | 248.8 | 646.6 | 787.1 | 1161.2 | 1350.8 | 1376.2 | 1382.9 | 1399.8 | 1423.6 | 1432.0 |
| 35° | 165.9 | 216.7 | 617.9 | 768.5 | 1151.0 | 1323.7 | 1340.6 | 1347.4 | 1381.2 | 1416.8 | 1428.6 |
| 37.5° | 150.7 | 192.9 | 580.6 | 736.3 | 1135.8 | 1291.5 | 1303.4 | 1315.3 | 1367.7 | 1410.0 | 1423.6 |
| 40° | 135.4 | 172.6 | 536.6 | 700.8 | 1112.1 | 1252.6 | 1262.7 | 1281.4 | 1350.8 | 1399.8 | 1413.4 |
| 42.5° | 123.6 | 155.7 | 489.2 | 663.6 | 1081.7 | 1208.6 | 1223.8 | 1250.9 | 1330.5 | 1382.9 | 1398.2 |
| 45° | 113.4 | 138.8 | 438.4 | 612.8 | 1042.7 | 1162.9 | 1184.9 | 1222.2 | 1306.7 | 1357.6 | 1371.1 |
| 47.5° | 103.3 | 126.9 | 386.0 | 560.3 | 1000.4 | 1117.2 | 1146.0 | 1188.3 | 1274.6 | 1323.7 | 1335.5 |
| 50° | 94.8 | 115.1 | 333.5 | 504.4 | 954.7 | 1068.1 | 1102.0 | 1146.0 | 1234.0 | 1279.7 | 1294.9 |
| 52.5° | 88.1 | 105.0 | 284.3 | 448.6 | 902.2 | 1017.4 | 1056.2 | 1102.0 | 1184.9 | 1228.9 | 1239.1 |
| 55° | 81.2 | 96.5 | 242.1 | 389.3 | 848.1 | 963.1 | 1005.5 | 1049.5 | 1130.7 | 1167.9 | 1174.8 |
| 57.5° | 77.9 | 89.7 | 206.5 | 333.5 | 790.5 | 902.2 | 949.6 | 990.3 | 1066.4 | 1095.2 | 1102.0 |
| 60° | 72.8 | 84.6 | 179.5 | 286.0 | 727.9 | 844.6 | 885.3 | 925.9 | 990.3 | 1013.9 | 1019.0 |
| 62.5° | 67.7 | 81.2 | 159.1 | 240.4 | 663.6 | 776.9 | 817.6 | 854.8 | 909.0 | 925.9 | 932.7 |
| 65° | 64.3 | 77.9 | 143.9 | 206.5 | 597.5 | 705.9 | 746.5 | 778.6 | 822.7 | 839.6 | 842.9 |
| 67.5° | 60.9 | 74.5 | 132.0 | 177.7 | 531.5 | 634.8 | 665.2 | 695.7 | 729.6 | 746.5 | 748.2 |
| 70° | 55.9 | 71.1 | 121.9 | 157.4 | 463.8 | 553.5 | 578.9 | 611.0 | 638.1 | 646.6 | 651.7 |
| 72.5° | 52.4 | 66.0 | 115.1 | 142.2 | 394.4 | 475.7 | 499.3 | 517.9 | 541.7 | 550.1 | 550.1 |
| 75° | 47.4 | 59.3 | 108.3 | 126.9 | 323.3 | 389.3 | 409.6 | 428.3 | 446.9 | 450.3 | 445.2 |
| 77.5° | 42.3 | 52.4 | 93.1 | 106.7 | 252.2 | 308.1 | 325.0 | 335.2 | 350.4 | 353.8 | 355.5 |
| 80° | 35.5 | 45.7 | 72.8 | 82.9 | 182.8 | 226.9 | 238.6 | 247.1 | 260.7 | 260.7 | 264.1 |
| 82.5° | 27.1 | 35.5 | 52.4 | 59.3 | 123.6 | 155.7 | 165.9 | 171.0 | 179.5 | 179.5 | 179.5 |
| 85° | 16.9 | 22.0 | 33.8 | 38.9 | 74.5 | 94.8 | 101.6 | 103.3 | 110.0 | 111.7 | 111.7 |
| 87.5° | 8.5 | 11.9 | 22.0 | 23.7 | 38.9 | 49.1 | 49.1 | 52.4 | 52.4 | 50.8 | 49.1 |
| 90° | 3.9 | 7.1 | 10.3 | 11.1 | 17.4 | 25.9 | 30.2 | 26.8 | 20.2 | 15.1 | 15.1 |
| 92.5° | 15.9 | 42.9 | 69.9 | 76.6 | 107.7 | 149.2 | 170.0 | 149.0 | 106.9 | 75.4 | 72.4 |
| 95° | 38.1 | 87.5 | 136.9 | 149.3 | 265.1 | 419.6 | 496.8 | 443.4 | 336.4 | 256.2 | 247.1 |
| 97.5° | 65.9 | 109.5 | 153.1 | 164.0 | 357.2 | 614.7 | 743.5 | 709.7 | 642.1 | 591.4 | 574.1 |
| 100° | 87.4 | 126.9 | 166.5 | 176.4 | 390.7 | 676.5 | 819.4 | 821.8 | 826.8 | 830.5 | 809.9 |
| 102.5° | 105.7 | 142.6 | 179.5 | 188.7 | 406.1 | 695.9 | 840.8 | 883.9 | 970.0 | 1034.6 | 1016.9 |
| 105° | 136.7 | 167.9 | 199.2 | 207.0 | 417.4 | 698.1 | 838.4 | 934.9 | 1128.0 | 1272.9 | 1263.4 |
| 107.5° | 168.4 | 197.6 | 226.7 | 233.9 | 419.5 | 667.0 | 790.8 | 925.4 | 1194.8 | 1396.8 | 1399.1 |
| 110° | 189.9 | 216.2 | 242.4 | 249.0 | 416.3 | 639.5 | 751.0 | 901.6 | 1202.8 | 1428.6 | 1438.5 |



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CANDELA DISTRIBUTION (continued):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|
| 112.5° | 210.9 | 235.9 | 261.0 | 267.3 | 416.5 | 615.4 | 714.9 | 869.0 | 1177.2 | 1408.3 | 1423.5 |
| 115° | 242.7 | 265.8 | 288.9 | 294.7 | 420.3 | 587.8 | 671.6 | 820.0 | 1116.9 | 1339.6 | 1360.6 |
| 117.5° | 274.0 | 295.0 | 316.0 | 321.3 | 428.2 | 570.6 | 641.8 | 775.8 | 1043.7 | 1244.7 | 1268.0 |
| 120° | 292.3 | 312.1 | 331.8 | 336.8 | 434.5 | 564.7 | 629.9 | 752.3 | 997.1 | 1180.7 | 1203.5 |
| 122.5° | 310.2 | 330.1 | 350.1 | 355.1 | 443.6 | 561.8 | 620.8 | 731.0 | 951.4 | 1116.8 | 1139.2 |
| 125° | 337.6 | 355.7 | 373.9 | 378.5 | 455.9 | 559.2 | 610.9 | 704.5 | 891.8 | 1032.2 | 1052.8 |
| 127.5° | 359.8 | 378.2 | 396.5 | 401.1 | 468.2 | 557.7 | 602.5 | 682.9 | 843.7 | 964.3 | 981.7 |
| 130° | 371.7 | 391.5 | 411.3 | 416.2 | 477.3 | 558.7 | 599.3 | 670.9 | 814.1 | 921.4 | 937.5 |
| 132.5° | 384.0 | 403.8 | 423.6 | 428.5 | 484.5 | 559.2 | 596.5 | 660.6 | 788.8 | 884.9 | 899.2 |
| 135° | 402.3 | 420.3 | 438.3 | 442.9 | 492.5 | 558.7 | 591.7 | 645.4 | 752.7 | 833.2 | 845.6 |
| 137.5° | 421.0 | 438.8 | 456.6 | 461.1 | 504.4 | 562.1 | 591.0 | 636.3 | 727.0 | 795.1 | 805.3 |
| 140° | 436.5 | 452.9 | 469.3 | 473.4 | 511.7 | 562.7 | 588.2 | 627.4 | 705.8 | 764.5 | 774.0 |
| 142.5° | 448.4 | 463.6 | 478.8 | 482.6 | 517.8 | 564.7 | 588.2 | 622.6 | 691.4 | 743.1 | 751.3 |
| 145° | 466.7 | 479.9 | 493.1 | 496.4 | 525.7 | 564.7 | 584.2 | 612.4 | 668.7 | 710.9 | 717.0 |
| 147.5° | 484.9 | 497.8 | 510.7 | 513.9 | 537.3 | 568.6 | 584.2 | 606.3 | 650.7 | 683.9 | 689.0 |
| 150° | 496.8 | 508.5 | 520.2 | 523.1 | 543.5 | 570.6 | 584.2 | 602.9 | 640.3 | 668.4 | 672.6 |
| 152.5° | 509.1 | 518.0 | 526.8 | 529.0 | 547.4 | 571.9 | 584.2 | 600.2 | 632.1 | 656.1 | 659.3 |
| 155° | 527.4 | 533.9 | 540.5 | 542.1 | 556.1 | 574.8 | 584.2 | 597.0 | 622.4 | 641.5 | 643.5 |
| 157.5° | 540.9 | 547.3 | 553.6 | 555.3 | 564.9 | 577.8 | 584.2 | 594.1 | 613.9 | 628.7 | 630.2 |
| 160° | 550.1 | 555.0 | 560.0 | 561.2 | 568.8 | 579.1 | 584.2 | 592.7 | 609.6 | 622.3 | 623.2 |
| 162.5° | 559.2 | 563.0 | 566.6 | 567.6 | 573.1 | 580.6 | 584.2 | 591.4 | 605.7 | 616.4 | 617.2 |
| 165° | 569.1 | 572.5 | 575.9 | 576.7 | 579.2 | 582.5 | 584.2 | 589.3 | 599.6 | 607.3 | 608.1 |
| 167.5° | 578.2 | 579.9 | 581.4 | 581.8 | 584.0 | 586.8 | 588.2 | 591.5 | 598.2 | 603.3 | 603.6 |
| 170° | 584.2 | 585.8 | 587.4 | 587.8 | 587.9 | 588.1 | 588.2 | 591.5 | 598.2 | 603.3 | 603.3 |
| 172.5° | 587.4 | 587.7 | 588.1 | 588.2 | 588.2 | 588.2 | 588.2 | 590.8 | 596.1 | 600.1 | 599.8 |
| 175° | 591.7 | 591.7 | 591.7 | 591.7 | 590.5 | 588.9 | 588.2 | 589.9 | 593.2 | 595.8 | 595.8 |
| 177.5° | 591.7 | 591.7 | 591.7 | 591.7 | 590.8 | 589.6 | 589.0 | 590.4 | 593.0 | 595.0 | 594.6 |
| 180° | 591.7 | 591.7 | 591.7 | 591.7 | 591.7 | 591.7 | 591.7 | 591.7 | 591.7 | 591.7 | 591.7 |



TEST NUMBER: P937237

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CANDELA DISTRIBUTION (continued):

| | 80° | 90° |
|--------|--------|--------|
| 0° | 526.4 | 526.4 |
| 2.5° | 562.0 | 558.6 |
| 5° | 722.8 | 726.2 |
| 7.5° | 973.3 | 971.7 |
| 10° | 1210.3 | 1225.5 |
| 12.5° | 1382.9 | 1386.3 |
| 15° | 1487.9 | 1494.6 |
| 17.5° | 1528.5 | 1530.2 |
| 20° | 1530.2 | 1526.8 |
| 22.5° | 1511.6 | 1508.2 |
| 25° | 1489.6 | 1487.9 |
| 27.5° | 1469.3 | 1471.0 |
| 30° | 1460.8 | 1465.9 |
| 32.5° | 1460.8 | 1469.3 |
| 35° | 1464.2 | 1472.7 |
| 37.5° | 1462.5 | 1472.7 |
| 40° | 1455.7 | 1467.6 |
| 42.5° | 1437.1 | 1445.6 |
| 45° | 1408.4 | 1418.5 |
| 47.5° | 1371.1 | 1377.9 |
| 50° | 1323.7 | 1330.5 |
| 52.5° | 1264.5 | 1266.2 |
| 55° | 1193.4 | 1200.1 |
| 57.5° | 1117.2 | 1118.9 |
| 60° | 1032.6 | 1037.6 |
| 62.5° | 942.9 | 942.9 |
| 65° | 848.1 | 851.4 |
| 67.5° | 749.8 | 758.3 |
| 70° | 650.0 | 651.7 |
| 72.5° | 551.9 | 551.9 |
| 75° | 450.3 | 451.9 |
| 77.5° | 353.8 | 353.8 |
| 80° | 262.4 | 264.1 |
| 82.5° | 181.2 | 184.5 |
| 85° | 113.4 | 113.4 |
| 87.5° | 52.4 | 47.4 |
| 90° | 15.1 | 15.1 |
| 92.5° | 60.4 | 48.4 |
| 95° | 210.7 | 174.3 |
| 97.5° | 504.9 | 435.7 |
| 100° | 727.4 | 645.0 |
| 102.5° | 946.4 | 875.7 |
| 105° | 1225.4 | 1187.5 |
| 107.5° | 1408.3 | 1417.4 |
| 110° | 1478.0 | 1517.5 |



TEST NUMBER: P937237

CATALOG NUMBER: SQ4-FB-075U-100D-92765-1D-UNV-STD-W-6-2700K

CANDELA DISTRIBUTION (continued):

| | 80° | 90° |
|--------|--------|--------|
| 112.5° | 1484.2 | 1544.9 |
| 115° | 1444.8 | 1529.1 |
| 117.5° | 1361.4 | 1454.8 |
| 120° | 1294.2 | 1384.9 |
| 122.5° | 1228.7 | 1318.2 |
| 125° | 1135.3 | 1217.7 |
| 127.5° | 1051.3 | 1120.8 |
| 130° | 1001.7 | 1066.0 |
| 132.5° | 956.8 | 1014.4 |
| 135° | 895.2 | 944.8 |
| 137.5° | 845.8 | 886.5 |
| 140° | 812.0 | 849.9 |
| 142.5° | 783.9 | 816.5 |
| 145° | 741.8 | 766.5 |
| 147.5° | 709.4 | 729.9 |
| 150° | 689.2 | 705.8 |
| 152.5° | 671.8 | 684.3 |
| 155° | 651.8 | 660.1 |
| 157.5° | 636.0 | 641.8 |
| 160° | 626.5 | 629.9 |
| 162.5° | 620.4 | 623.5 |
| 165° | 611.5 | 614.8 |
| 167.5° | 605.1 | 606.4 |
| 170° | 603.3 | 603.3 |
| 172.5° | 598.6 | 597.3 |
| 175° | 595.8 | 595.8 |
| 177.5° | 593.2 | 591.7 |
| 180° | 591.7 | 591.7 |



TEST NUMBER: P937237

CATALOG NUMBER: SQ4-FB-075U-100D-92765-1D-UNV-STD-W-6-2700K

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 | 5.24 | 6.15 | 6.18 | 7.11 | 8.36 | 18.41 | 19.32 | 19.34 | 20.28 | 21.52 |
| | 3H | 5.95 | 6.77 | 6.90 | 7.74 | 9.01 | 20.24 | 21.07 | 21.19 | 22.03 | 23.30 |
| | 4H | 6.25 | 7.03 | 7.21 | 8.00 | 9.28 | 20.89 | 21.67 | 21.85 | 22.64 | 23.92 |
| | 6H | 6.50 | 7.22 | 7.48 | 8.20 | 9.49 | 21.32 | 22.04 | 22.29 | 23.01 | 24.30 |
| | 8H | 6.57 | 7.26 | 7.55 | 8.25 | 9.54 | 21.44 | 22.12 | 22.42 | 23.12 | 24.41 |
| | 12H | 6.59 | 7.25 | 7.58 | 8.23 | 9.55 | 21.50 | 22.16 | 22.49 | 23.15 | 24.46 |
| 4H | 2H | 12.45 | 13.23 | 13.42 | 14.21 | 15.48 | 18.69 | 19.47 | 19.65 | 20.44 | 21.72 |
| | 3H | 14.03 | 14.68 | 15.00 | 15.68 | 16.97 | 20.73 | 21.38 | 21.71 | 22.39 | 23.68 |
| | 4H | 14.12 | 14.72 | 15.11 | 15.72 | 17.03 | 21.50 | 22.10 | 22.48 | 23.09 | 24.41 |
| | 6H | 14.14 | 14.65 | 15.14 | 15.67 | 16.99 | 22.04 | 22.55 | 23.03 | 23.57 | 24.88 |
| | 8H | 14.12 | 14.60 | 15.12 | 15.61 | 16.94 | 22.20 | 22.68 | 23.20 | 23.69 | 25.02 |
| | 12H | 14.08 | 14.51 | 15.10 | 15.54 | 16.87 | 22.29 | 22.73 | 23.31 | 23.75 | 25.09 |
| 8H | 4H | 15.57 | 16.05 | 16.57 | 17.06 | 18.39 | 21.56 | 22.05 | 22.56 | 23.06 | 24.39 |
| | 6H | 15.81 | 16.21 | 16.84 | 17.27 | 18.59 | 22.19 | 22.59 | 23.22 | 23.64 | 24.97 |
| | 8H | 15.83 | 16.19 | 16.87 | 17.23 | 18.57 | 22.41 | 22.76 | 23.44 | 23.80 | 25.15 |
| | 12H | 15.80 | 16.12 | 16.84 | 17.15 | 18.54 | 22.55 | 22.86 | 23.59 | 23.90 | 25.29 |
| 12H | 4H | 15.71 | 16.15 | 16.73 | 17.18 | 18.51 | 21.52 | 21.96 | 22.54 | 22.98 | 24.32 |
| | 6H | 16.07 | 16.43 | 17.11 | 17.47 | 18.81 | 22.17 | 22.53 | 23.21 | 23.57 | 24.91 |
| | 8H | 16.14 | 16.46 | 17.18 | 17.49 | 18.88 | 22.40 | 22.72 | 23.44 | 23.75 | 25.14 |