

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: P937952

Luminaire Tested: SQ4-FB-125U-075D-930-1D-UNV-STD-W-8

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P937952
REPORT IS A COMBINATION OF REPORTS P933614 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FB-125U-075D-930-1D-UNV-STD-W-8
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Batwing Frosted Continuous Roll L
Light Source: -
Ballast/Driver: -

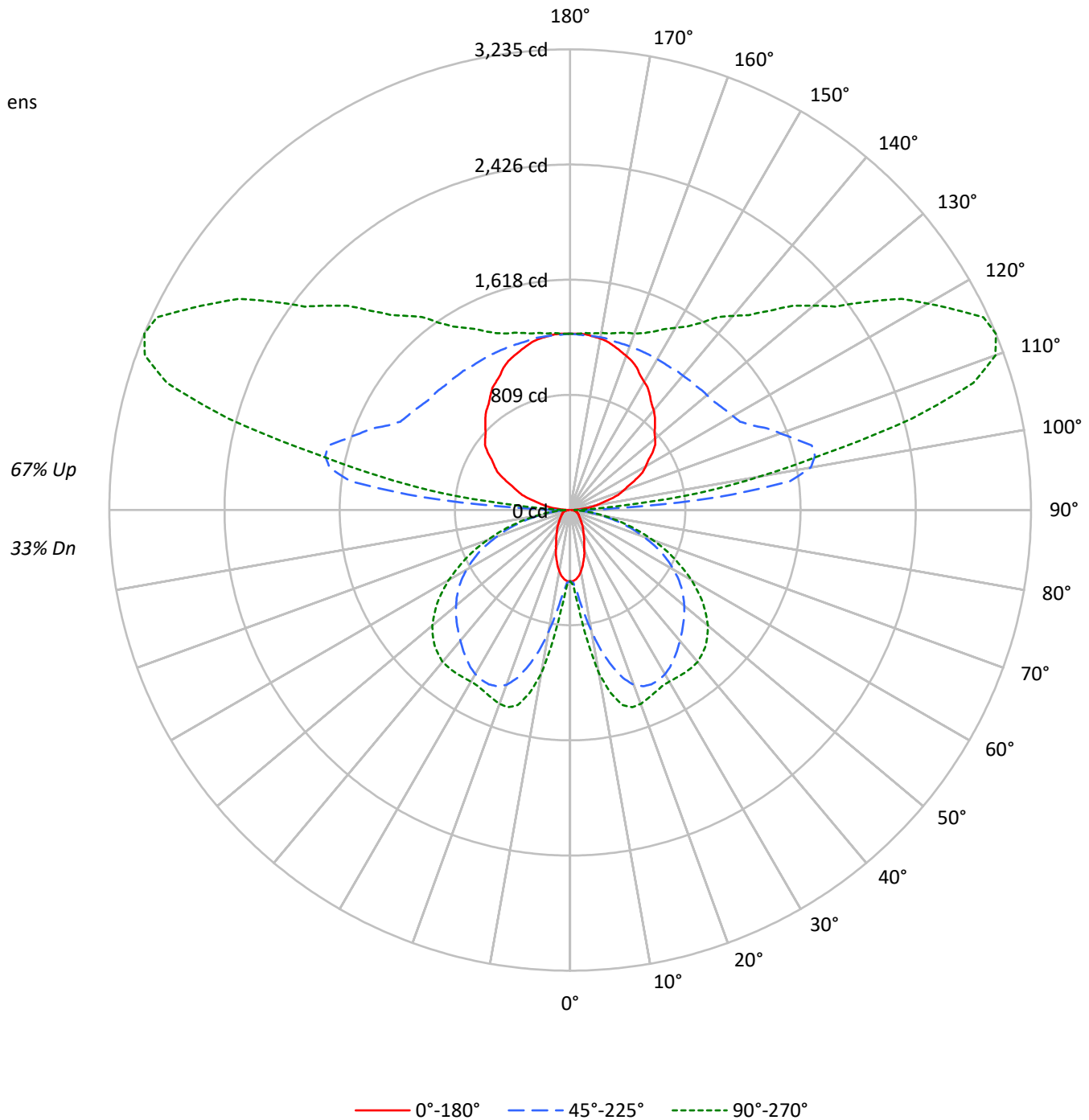
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11900.5 lumens
Efficiency: N/A
Efficacy: 107.0 lumens/watt
Spacing Criteria (0/90/45): 0.71 / 2.69 / 2.33
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 8' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 111.2
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: P937952
CATALOG NUMBER: SQ4-FB-125U-075D-930-1D-UNV-STD-W-8

Luminous Intensity Polar Plot





TEST NUMBER: P937952

CATALOG NUMBER: SQ4-FB-125U-075D-930-1D-UNV-STD-W-8

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RF | 20 | | | | 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 | 103 | 103 | 103 | 103 | 93 | 93 | 93 | 93 | 74 | 74 | 74 | 56 | 56 | 56 | 40 | 40 | 40 | 33 | | | | 33 |
| 1 | 94 | 89 | 85 | 82 | 84 | 80 | 77 | 74 | 64 | 62 | 60 | 49 | 47 | 46 | 35 | 34 | 33 | 27 | | | | 27 |
| 2 | 85 | 77 | 71 | 66 | 76 | 70 | 65 | 60 | 55 | 52 | 49 | 42 | 40 | 38 | 30 | 29 | 27 | 22 | | | | 22 |
| 3 | 77 | 68 | 60 | 54 | 69 | 61 | 55 | 50 | 49 | 44 | 40 | 37 | 34 | 31 | 26 | 24 | 23 | 18 | | | | 18 |
| 4 | 70 | 59 | 52 | 46 | 63 | 54 | 47 | 42 | 43 | 38 | 34 | 33 | 29 | 26 | 23 | 21 | 19 | 15 | | | | 15 |
| 5 | 64 | 53 | 45 | 39 | 57 | 48 | 41 | 35 | 38 | 33 | 29 | 29 | 25 | 23 | 21 | 18 | 16 | 13 | | | | 13 |
| 6 | 59 | 47 | 39 | 33 | 53 | 42 | 35 | 30 | 34 | 29 | 25 | 26 | 22 | 19 | 19 | 16 | 14 | 11 | | | | 11 |
| 7 | 54 | 42 | 34 | 29 | 49 | 38 | 31 | 26 | 31 | 25 | 22 | 23 | 20 | 17 | 17 | 14 | 12 | 10 | | | | 10 |
| 8 | 50 | 38 | 30 | 25 | 45 | 34 | 28 | 23 | 28 | 23 | 19 | 21 | 18 | 15 | 15 | 13 | 11 | 8 | | | | 8 |
| 9 | 47 | 34 | 27 | 22 | 42 | 31 | 25 | 20 | 25 | 20 | 17 | 19 | 16 | 13 | 14 | 12 | 10 | 7 | | | | 7 |
| 10 | 43 | 31 | 24 | 19 | 39 | 28 | 22 | 18 | 23 | 18 | 15 | 18 | 14 | 12 | 13 | 10 | 9 | 7 | | | | 7 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° |
|-----|------|------|------|
| 0° | 2317 | 2317 | 2317 |
| 5° | 2264 | 2678 | 3115 |
| 10° | 2053 | 3904 | 5164 |
| 15° | 1745 | 5101 | 6236 |
| 20° | 1421 | 5911 | 6355 |
| 25° | 1185 | 6186 | 6226 |
| 30° | 999 | 6225 | 6214 |
| 35° | 884 | 6121 | 6375 |
| 40° | 770 | 5988 | 6541 |
| 45° | 697 | 5889 | 6567 |
| 50° | 639 | 5800 | 6458 |
| 55° | 613 | 5671 | 6172 |
| 60° | 628 | 5421 | 5720 |
| 65° | 652 | 5043 | 5098 |
| 70° | 695 | 4398 | 4307 |
| 75° | 771 | 3586 | 3361 |
| 80° | 841 | 2486 | 2264 |
| 85° | 750 | 1320 | 1159 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
 Vertical Angle: 45°
 Luminance: 6567 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 64.6 | 0.5 |
| 10°-20° | 286.4 | 2.4 |
| 20°-30° | 500.9 | 4.2 |
| 30°-40° | 644.8 | 5.4 |
| 40°-50° | 720.2 | 6.1 |
| 50°-60° | 689.8 | 5.8 |
| 60°-70° | 546.6 | 4.6 |
| 70°-80° | 321.4 | 2.7 |
| 80°-90° | 94.0 | 0.8 |
| 90°-100° | 603.9 | 5.1 |
| 100°-110° | 1587.8 | 13.3 |
| 110°-120° | 1646.3 | 13.8 |
| 120°-130° | 1320.6 | 11.1 |
| 130°-140° | 1036.2 | 8.7 |
| 140°-150° | 795.3 | 6.7 |
| 150°-160° | 572.7 | 4.8 |
| 160°-170° | 350.4 | 2.9 |
| 170°-180° | 118.4 | 1.0 |
| 0°-30° | 851.9 | 7.2 |
| 0°-40° | 1496.7 | 12.6 |
| 0°-60° | 2906.7 | 24.4 |
| 0°-90° | 3868.8 | 32.5 |
| 90°-120° | 3838.1 | 32.3 |
| 90°-150° | 6990.1 | 58.7 |
| 90°-180° | 8032.0 | 67.5 |
| 0°-180° | 11900.5 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 22.5° | 45° | 67.5° | 90° | Flux |
|------|------|-------|------|-------|------|------|
| 0° | 500 | 500 | 500 | 500 | 500 | |
| 5° | 487 | 522 | 588 | 665 | 689 | 45 |
| 15° | 365 | 673 | 1134 | 1375 | 1418 | 101 |
| 25° | 233 | 763 | 1351 | 1410 | 1412 | 107 |
| 35° | 157 | 729 | 1272 | 1344 | 1397 | 98 |
| 45° | 108 | 581 | 1124 | 1288 | 1346 | 83 |
| 55° | 77 | 369 | 954 | 1108 | 1139 | 70 |
| 65° | 61 | 196 | 708 | 797 | 808 | 60 |
| 75° | 45 | 120 | 389 | 427 | 429 | 47 |
| 85° | 16 | 37 | 96 | 106 | 108 | 17 |
| 90° | 8 | 23 | 63 | 32 | 32 | 8 |
| 95° | 80 | 313 | 1040 | 536 | 365 | 89 |
| 105° | 286 | 433 | 1755 | 2665 | 2486 | 303 |
| 115° | 508 | 617 | 1406 | 2805 | 3201 | 502 |
| 125° | 707 | 792 | 1279 | 2161 | 2549 | 628 |
| 135° | 842 | 927 | 1239 | 1744 | 1978 | 652 |
| 145° | 977 | 1039 | 1223 | 1488 | 1605 | 612 |
| 155° | 1104 | 1135 | 1223 | 1343 | 1382 | 507 |
| 165° | 1192 | 1207 | 1223 | 1271 | 1287 | 336 |
| 175° | 1239 | 1239 | 1232 | 1247 | 1247 | 118 |
| 180° | 1239 | 1239 | 1239 | 1239 | 1239 | |



TEST NUMBER: P937952

CATALOG NUMBER: SQ4-FB-125U-075D-930-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 499.5 | 499.5 | 499.5 | 499.5 | 499.5 | 499.5 | 499.5 | 499.5 | 499.5 | 499.5 | 499.5 |
| 2.5° | 499.5 | 499.5 | 502.7 | 504.3 | 507.5 | 509.1 | 512.3 | 515.5 | 525.2 | 526.8 | 530.0 |
| 5° | 486.6 | 493.0 | 513.9 | 522.0 | 544.4 | 574.9 | 587.8 | 608.7 | 652.0 | 664.9 | 672.9 |
| 7.5° | 467.3 | 481.8 | 533.2 | 546.0 | 602.2 | 682.6 | 716.3 | 761.2 | 830.3 | 864.0 | 891.3 |
| 10° | 436.8 | 467.3 | 558.9 | 589.4 | 680.9 | 803.0 | 865.6 | 928.3 | 1032.7 | 1079.3 | 1097.0 |
| 12.5° | 403.1 | 452.9 | 586.2 | 627.9 | 759.6 | 938.0 | 1013.5 | 1082.5 | 1201.4 | 1264.0 | 1273.6 |
| 15° | 364.6 | 432.0 | 611.9 | 672.9 | 843.2 | 1050.4 | 1133.9 | 1219.0 | 1329.8 | 1374.8 | 1386.1 |
| 17.5° | 330.8 | 416.0 | 636.0 | 700.2 | 907.4 | 1151.6 | 1236.7 | 1307.4 | 1397.3 | 1427.8 | 1435.8 |
| 20° | 289.1 | 390.3 | 652.0 | 735.5 | 974.9 | 1225.5 | 1307.4 | 1362.0 | 1423.0 | 1442.3 | 1445.5 |
| 22.5° | 258.6 | 363.0 | 661.7 | 748.4 | 1019.9 | 1270.4 | 1339.5 | 1382.8 | 1424.6 | 1431.0 | 1432.6 |
| 25° | 232.9 | 332.4 | 660.1 | 762.8 | 1058.4 | 1297.7 | 1350.7 | 1382.8 | 1406.9 | 1410.1 | 1410.1 |
| 27.5° | 208.8 | 298.7 | 653.6 | 766.1 | 1087.3 | 1304.2 | 1345.9 | 1368.4 | 1379.6 | 1386.1 | 1386.1 |
| 30° | 187.9 | 266.6 | 637.6 | 759.6 | 1100.2 | 1297.7 | 1331.5 | 1342.7 | 1353.9 | 1363.6 | 1368.4 |
| 32.5° | 171.8 | 236.1 | 613.5 | 746.8 | 1101.8 | 1281.7 | 1305.8 | 1312.2 | 1328.2 | 1350.7 | 1358.8 |
| 35° | 157.4 | 205.6 | 586.2 | 729.1 | 1092.2 | 1256.0 | 1272.0 | 1278.5 | 1310.6 | 1344.3 | 1355.5 |
| 37.5° | 142.9 | 183.1 | 550.9 | 698.6 | 1077.7 | 1225.5 | 1236.7 | 1247.9 | 1297.7 | 1337.9 | 1350.7 |
| 40° | 128.5 | 163.8 | 509.1 | 664.9 | 1055.2 | 1188.5 | 1198.2 | 1215.8 | 1281.7 | 1328.2 | 1341.1 |
| 42.5° | 117.2 | 147.8 | 464.1 | 629.6 | 1026.3 | 1146.8 | 1161.2 | 1186.9 | 1262.4 | 1312.2 | 1326.6 |
| 45° | 107.6 | 131.7 | 416.0 | 581.4 | 989.4 | 1103.4 | 1124.3 | 1159.6 | 1239.9 | 1288.1 | 1300.9 |
| 47.5° | 98.0 | 120.4 | 366.2 | 531.6 | 949.2 | 1060.0 | 1087.3 | 1127.5 | 1209.4 | 1256.0 | 1267.2 |
| 50° | 89.9 | 109.2 | 316.4 | 478.6 | 905.8 | 1013.5 | 1045.6 | 1087.3 | 1170.9 | 1214.2 | 1228.7 |
| 52.5° | 83.5 | 99.6 | 269.8 | 425.6 | 856.0 | 965.3 | 1002.2 | 1045.6 | 1124.3 | 1166.0 | 1175.7 |
| 55° | 77.1 | 91.5 | 229.7 | 369.4 | 804.6 | 913.9 | 954.0 | 995.8 | 1072.9 | 1108.2 | 1114.6 |
| 57.5° | 73.9 | 85.1 | 195.9 | 316.4 | 750.0 | 856.0 | 901.0 | 939.6 | 1011.9 | 1039.2 | 1045.6 |
| 60° | 69.1 | 80.3 | 170.2 | 271.4 | 690.6 | 801.4 | 839.9 | 878.5 | 939.6 | 962.1 | 966.9 |
| 62.5° | 64.2 | 77.1 | 151.0 | 228.1 | 629.6 | 737.2 | 775.7 | 811.0 | 862.4 | 878.5 | 884.9 |
| 65° | 61.0 | 73.9 | 136.5 | 195.9 | 566.9 | 669.7 | 708.2 | 738.8 | 780.5 | 796.6 | 799.8 |
| 67.5° | 57.8 | 70.7 | 125.3 | 168.6 | 504.3 | 602.2 | 631.2 | 660.1 | 692.2 | 708.2 | 709.9 |
| 70° | 53.0 | 67.5 | 115.6 | 149.4 | 440.0 | 525.2 | 549.3 | 579.8 | 605.5 | 613.5 | 618.3 |
| 72.5° | 49.8 | 62.6 | 109.2 | 134.9 | 374.2 | 451.3 | 473.8 | 491.4 | 513.9 | 522.0 | 522.0 |
| 75° | 45.0 | 56.2 | 102.8 | 120.4 | 306.7 | 369.4 | 388.7 | 406.3 | 424.0 | 427.2 | 422.4 |
| 77.5° | 40.2 | 49.8 | 88.3 | 101.2 | 239.3 | 292.3 | 308.4 | 318.0 | 332.4 | 335.7 | 337.3 |
| 80° | 33.7 | 43.4 | 69.1 | 78.7 | 173.4 | 215.2 | 226.4 | 234.5 | 247.3 | 247.3 | 250.5 |
| 82.5° | 25.7 | 33.7 | 49.8 | 56.2 | 117.2 | 147.8 | 157.4 | 162.2 | 170.2 | 170.2 | 170.2 |
| 85° | 16.1 | 20.9 | 32.1 | 36.9 | 70.7 | 89.9 | 96.4 | 98.0 | 104.4 | 106.0 | 106.0 |
| 87.5° | 8.0 | 11.2 | 20.9 | 22.5 | 36.9 | 46.6 | 46.6 | 49.8 | 49.8 | 48.2 | 46.6 |
| 90° | 8.4 | 15.0 | 21.6 | 23.3 | 36.6 | 54.4 | 63.2 | 56.1 | 42.1 | 31.6 | 31.6 |
| 92.5° | 33.2 | 89.8 | 146.4 | 160.5 | 225.6 | 312.4 | 355.9 | 311.9 | 224.0 | 158.0 | 151.7 |
| 95° | 79.8 | 183.3 | 286.8 | 312.7 | 555.2 | 878.6 | 1040.2 | 928.3 | 704.3 | 536.3 | 517.3 |
| 97.5° | 138.0 | 229.3 | 320.6 | 343.4 | 747.8 | 1287.0 | 1556.6 | 1485.9 | 1344.3 | 1238.1 | 1201.9 |
| 100° | 182.9 | 265.7 | 348.5 | 369.2 | 817.9 | 1416.3 | 1715.4 | 1720.6 | 1730.9 | 1738.7 | 1695.6 |
| 102.5° | 221.1 | 298.4 | 375.6 | 395.0 | 850.1 | 1457.0 | 1760.3 | 1850.5 | 2030.9 | 2166.1 | 2129.2 |
| 105° | 286.0 | 351.5 | 416.8 | 433.2 | 873.9 | 1461.5 | 1755.4 | 1957.5 | 2361.8 | 2665.0 | 2645.2 |
| 107.5° | 352.6 | 413.5 | 474.5 | 489.7 | 878.3 | 1396.5 | 1655.5 | 1937.6 | 2501.5 | 2924.4 | 2929.3 |
| 110° | 397.5 | 452.6 | 507.7 | 521.4 | 871.7 | 1338.8 | 1572.4 | 1887.7 | 2518.1 | 2990.9 | 3011.7 |



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CATALOG NUMBER: SQ4-FB-125U-075D-930-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 441.6 | 494.0 | 546.5 | 559.6 | 872.0 | 1288.5 | 1496.7 | 1819.4 | 2464.6 | 2948.5 | 2980.3 |
| 115° | 508.1 | 556.5 | 604.8 | 616.9 | 880.0 | 1230.8 | 1406.1 | 1716.9 | 2338.5 | 2804.7 | 2848.8 |
| 117.5° | 573.7 | 617.7 | 661.7 | 672.7 | 896.4 | 1194.6 | 1343.7 | 1624.2 | 2185.2 | 2606.0 | 2654.9 |
| 120° | 612.0 | 653.4 | 694.8 | 705.1 | 909.6 | 1182.4 | 1318.8 | 1575.1 | 2087.6 | 2472.1 | 2519.6 |
| 122.5° | 649.4 | 691.1 | 732.9 | 743.3 | 928.7 | 1176.0 | 1299.7 | 1530.4 | 1992.1 | 2338.3 | 2385.1 |
| 125° | 706.8 | 744.9 | 782.9 | 792.4 | 954.5 | 1170.8 | 1278.9 | 1475.0 | 1867.1 | 2161.1 | 2204.2 |
| 127.5° | 753.4 | 791.8 | 830.2 | 839.9 | 980.4 | 1167.7 | 1261.4 | 1429.7 | 1766.4 | 2018.9 | 2055.3 |
| 130° | 778.3 | 819.7 | 861.1 | 871.4 | 999.2 | 1169.6 | 1254.8 | 1404.6 | 1704.4 | 1929.1 | 1962.8 |
| 132.5° | 804.0 | 845.5 | 886.8 | 897.2 | 1014.4 | 1170.8 | 1248.9 | 1383.1 | 1651.4 | 1852.6 | 1882.7 |
| 135° | 842.3 | 880.0 | 917.7 | 927.1 | 1031.1 | 1169.6 | 1238.9 | 1351.3 | 1576.0 | 1744.5 | 1770.5 |
| 137.5° | 881.4 | 918.7 | 956.1 | 965.4 | 1056.0 | 1176.9 | 1237.3 | 1332.3 | 1522.2 | 1664.7 | 1686.0 |
| 140° | 913.8 | 948.2 | 982.6 | 991.1 | 1071.3 | 1178.1 | 1231.5 | 1313.5 | 1477.6 | 1600.7 | 1620.5 |
| 142.5° | 938.8 | 970.6 | 1002.3 | 1010.3 | 1084.0 | 1182.3 | 1231.5 | 1303.5 | 1447.6 | 1555.7 | 1572.8 |
| 145° | 977.0 | 1004.7 | 1032.5 | 1039.4 | 1100.7 | 1182.3 | 1223.1 | 1282.1 | 1400.0 | 1488.4 | 1501.4 |
| 147.5° | 1015.3 | 1042.3 | 1069.3 | 1076.0 | 1125.1 | 1190.4 | 1223.1 | 1269.5 | 1362.3 | 1431.9 | 1442.6 |
| 150° | 1040.2 | 1064.6 | 1089.0 | 1095.1 | 1137.8 | 1194.7 | 1223.1 | 1262.3 | 1340.7 | 1399.5 | 1408.1 |
| 152.5° | 1066.0 | 1084.5 | 1102.9 | 1107.6 | 1146.1 | 1197.4 | 1223.1 | 1256.6 | 1323.5 | 1373.7 | 1380.3 |
| 155° | 1104.3 | 1117.9 | 1131.6 | 1135.0 | 1164.4 | 1203.5 | 1223.1 | 1249.8 | 1303.0 | 1342.9 | 1347.3 |
| 157.5° | 1132.6 | 1145.8 | 1159.1 | 1162.4 | 1182.7 | 1209.6 | 1223.1 | 1243.8 | 1285.2 | 1316.3 | 1319.3 |
| 160° | 1151.7 | 1162.0 | 1172.4 | 1174.9 | 1191.0 | 1212.4 | 1223.1 | 1240.9 | 1276.4 | 1302.9 | 1304.7 |
| 162.5° | 1170.8 | 1178.5 | 1186.3 | 1188.2 | 1199.8 | 1215.3 | 1223.1 | 1238.1 | 1268.0 | 1290.5 | 1292.2 |
| 165° | 1191.6 | 1198.6 | 1205.6 | 1207.4 | 1212.6 | 1219.6 | 1223.1 | 1233.9 | 1255.3 | 1271.4 | 1273.2 |
| 167.5° | 1210.7 | 1214.0 | 1217.3 | 1218.2 | 1222.6 | 1228.5 | 1231.5 | 1238.5 | 1252.5 | 1263.0 | 1263.8 |
| 170° | 1223.1 | 1226.5 | 1229.9 | 1230.7 | 1230.9 | 1231.3 | 1231.5 | 1238.5 | 1252.5 | 1263.0 | 1263.0 |
| 172.5° | 1229.8 | 1230.5 | 1231.3 | 1231.5 | 1231.5 | 1231.5 | 1231.5 | 1237.0 | 1248.1 | 1256.5 | 1255.8 |
| 175° | 1238.9 | 1238.9 | 1238.9 | 1238.9 | 1236.5 | 1233.2 | 1231.5 | 1235.0 | 1242.0 | 1247.3 | 1247.3 |
| 177.5° | 1238.9 | 1238.9 | 1238.9 | 1238.9 | 1237.0 | 1234.5 | 1233.2 | 1235.9 | 1241.4 | 1245.6 | 1244.9 |
| 180° | 1238.9 | 1238.9 | 1238.9 | 1238.9 | 1238.9 | 1238.9 | 1238.9 | 1238.9 | 1238.9 | 1238.9 | 1238.9 |



TEST NUMBER: P937952

CATALOG NUMBER: SQ4-FB-125U-075D-930-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

| | 80° | 90° |
|--------|--------|--------|
| 0° | 499.5 | 499.5 |
| 2.5° | 533.2 | 530.0 |
| 5° | 685.8 | 689.0 |
| 7.5° | 923.5 | 921.9 |
| 10° | 1148.4 | 1162.8 |
| 12.5° | 1312.2 | 1315.4 |
| 15° | 1411.8 | 1418.2 |
| 17.5° | 1450.3 | 1451.9 |
| 20° | 1451.9 | 1448.7 |
| 22.5° | 1434.2 | 1431.0 |
| 25° | 1413.4 | 1411.8 |
| 27.5° | 1394.1 | 1395.7 |
| 30° | 1386.1 | 1390.9 |
| 32.5° | 1386.1 | 1394.1 |
| 35° | 1389.3 | 1397.3 |
| 37.5° | 1387.7 | 1397.3 |
| 40° | 1381.2 | 1392.5 |
| 42.5° | 1363.6 | 1371.6 |
| 45° | 1336.3 | 1345.9 |
| 47.5° | 1300.9 | 1307.4 |
| 50° | 1256.0 | 1262.4 |
| 52.5° | 1199.8 | 1201.4 |
| 55° | 1132.3 | 1138.7 |
| 57.5° | 1060.0 | 1061.6 |
| 60° | 979.7 | 984.6 |
| 62.5° | 894.5 | 894.5 |
| 65° | 804.6 | 807.8 |
| 67.5° | 711.5 | 719.5 |
| 70° | 616.7 | 618.3 |
| 72.5° | 523.6 | 523.6 |
| 75° | 427.2 | 428.8 |
| 77.5° | 335.7 | 335.7 |
| 80° | 248.9 | 250.5 |
| 82.5° | 171.8 | 175.1 |
| 85° | 107.6 | 107.6 |
| 87.5° | 49.8 | 45.0 |
| 90° | 31.6 | 31.6 |
| 92.5° | 126.6 | 101.4 |
| 95° | 441.2 | 365.0 |
| 97.5° | 1057.1 | 912.2 |
| 100° | 1523.0 | 1350.4 |
| 102.5° | 1981.3 | 1833.5 |
| 105° | 2565.7 | 2486.2 |
| 107.5° | 2948.5 | 2967.6 |
| 110° | 3094.4 | 3177.2 |



TEST NUMBER: P937952

CATALOG NUMBER: SQ4-FB-125U-075D-930-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

| | 80° | 90° |
|--------|--------|--------|
| 112.5° | 3107.4 | 3234.6 |
| 115° | 3025.1 | 3201.3 |
| 117.5° | 2850.3 | 3045.9 |
| 120° | 2709.6 | 2899.5 |
| 122.5° | 2572.5 | 2759.8 |
| 125° | 2376.9 | 2549.4 |
| 127.5° | 2200.9 | 2346.5 |
| 130° | 2097.3 | 2231.8 |
| 132.5° | 2003.2 | 2123.7 |
| 135° | 1874.4 | 1978.2 |
| 137.5° | 1770.9 | 1856.0 |
| 140° | 1700.0 | 1779.4 |
| 142.5° | 1641.2 | 1709.6 |
| 145° | 1553.1 | 1604.8 |
| 147.5° | 1485.5 | 1528.3 |
| 150° | 1442.9 | 1477.6 |
| 152.5° | 1406.5 | 1432.7 |
| 155° | 1364.6 | 1382.0 |
| 157.5° | 1331.5 | 1343.7 |
| 160° | 1311.7 | 1318.8 |
| 162.5° | 1298.9 | 1305.5 |
| 165° | 1280.1 | 1287.2 |
| 167.5° | 1266.7 | 1269.7 |
| 170° | 1263.0 | 1263.0 |
| 172.5° | 1253.2 | 1250.6 |
| 175° | 1247.3 | 1247.3 |
| 177.5° | 1241.9 | 1238.9 |
| 180° | 1238.9 | 1238.9 |



TEST NUMBER: P937952

CATALOG NUMBER: SQ4-FB-125U-075D-930-1D-UNV-STD-W-8

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 | 2.06 | 2.81 | 3.15 | 3.90 | 5.40 | 15.24 | 15.99 | 16.33 | 17.08 | 18.58 |
| | 3H | 2.76 | 3.43 | 3.86 | 4.53 | 6.04 | 17.07 | 17.74 | 18.17 | 18.84 | 20.36 |
| | 4H | 3.05 | 3.69 | 4.16 | 4.79 | 6.31 | 17.71 | 18.35 | 18.82 | 19.45 | 20.97 |
| | 6H | 3.30 | 3.88 | 4.41 | 4.99 | 6.52 | 18.14 | 18.72 | 19.25 | 19.83 | 21.36 |
| | 8H | 3.36 | 3.92 | 4.48 | 5.04 | 6.56 | 18.25 | 18.81 | 19.37 | 19.93 | 21.46 |
| | 12H | 3.37 | 3.90 | 4.50 | 5.02 | 6.57 | 18.32 | 18.85 | 19.44 | 19.96 | 21.51 |
| 4H | 2H | 9.26 | 9.90 | 10.38 | 11.00 | 12.52 | 15.50 | 16.14 | 16.62 | 17.24 | 18.76 |
| | 3H | 10.82 | 11.35 | 11.94 | 12.48 | 14.01 | 17.54 | 18.07 | 18.66 | 19.19 | 20.73 |
| | 4H | 10.91 | 11.40 | 12.03 | 12.51 | 14.07 | 18.30 | 18.79 | 19.42 | 19.90 | 21.46 |
| | 6H | 10.91 | 11.33 | 12.05 | 12.47 | 14.02 | 18.83 | 19.25 | 19.96 | 20.39 | 21.94 |
| | 8H | 10.89 | 11.28 | 12.02 | 12.41 | 13.97 | 18.99 | 19.38 | 20.12 | 20.51 | 22.08 |
| | 12H | 10.84 | 11.19 | 11.99 | 12.34 | 13.90 | 19.08 | 19.43 | 20.23 | 20.58 | 22.14 |
| 8H | 4H | 12.34 | 12.74 | 13.48 | 13.87 | 15.43 | 18.35 | 18.74 | 19.48 | 19.87 | 21.43 |
| | 6H | 12.58 | 12.91 | 13.73 | 14.08 | 15.64 | 18.97 | 19.30 | 20.13 | 20.47 | 22.03 |
| | 8H | 12.60 | 12.88 | 13.76 | 14.03 | 15.61 | 19.19 | 19.47 | 20.35 | 20.63 | 22.21 |
| | 12H | 12.56 | 12.81 | 13.72 | 13.96 | 15.57 | 19.33 | 19.58 | 20.49 | 20.73 | 22.34 |
| 12H | 4H | 12.48 | 12.84 | 13.63 | 13.98 | 15.55 | 18.29 | 18.65 | 19.44 | 19.79 | 21.36 |
| | 6H | 12.84 | 13.12 | 14.00 | 14.27 | 15.85 | 18.95 | 19.24 | 20.11 | 20.39 | 21.97 |
| | 8H | 12.90 | 13.15 | 14.07 | 14.30 | 15.91 | 19.18 | 19.43 | 20.34 | 20.58 | 22.19 |