

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: P937822

Luminaire Tested: SQ4-FB-125U-050D-927-1D-UNV-STD-W-4

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P937822
REPORT IS A COMBINATION OF REPORTS P933597 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FB-125U-050D-927-1D-UNV-STD-W-4
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Batwing Frosted Continuous Roll L
Light Source: -
Ballast/Driver: -

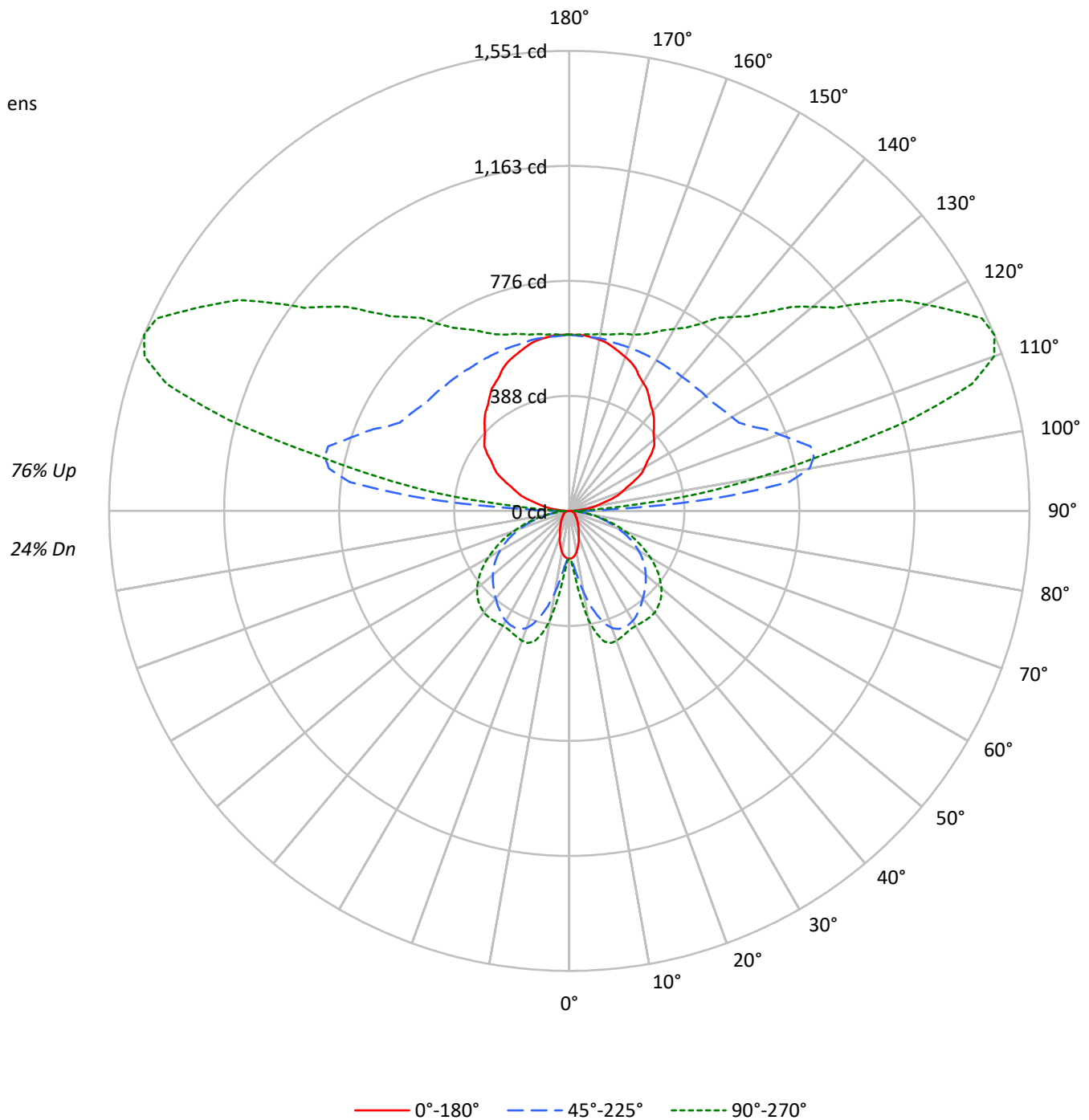
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5095.9 lumens
Efficiency: N/A
Efficacy: 107.1 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: Semi-Indirect

Input Watts (W): 47.6
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: P937822
CATALOG NUMBER: SQ4-FB-125U-050D-927-1D-UNV-STD-W-4

Luminous Intensity Polar Plot





TEST NUMBER: P937822

CATALOG NUMBER: SQ4-FB-125U-050D-927-1D-UNV-STD-W-4

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 | 101 | 101 | 101 | 101 | 90 | 90 | 90 | 90 | 69 | 69 | 69 | 50 | 50 | 50 | 33 | 33 | 33 | 24 | | | | 24 |
| 1 | 92 | 88 | 84 | 80 | 81 | 78 | 75 | 72 | 60 | 58 | 56 | 44 | 42 | 41 | 28 | 28 | 27 | 20 | | | | 20 |
| 2 | 83 | 76 | 70 | 65 | 74 | 68 | 63 | 58 | 52 | 49 | 46 | 38 | 36 | 34 | 25 | 23 | 22 | 16 | | | | 16 |
| 3 | 76 | 66 | 59 | 54 | 67 | 59 | 53 | 48 | 46 | 42 | 38 | 33 | 30 | 28 | 22 | 20 | 19 | 13 | | | | 13 |
| 4 | 69 | 58 | 51 | 45 | 61 | 52 | 46 | 41 | 40 | 36 | 32 | 29 | 26 | 24 | 19 | 17 | 16 | 11 | | | | 11 |
| 5 | 63 | 52 | 44 | 38 | 56 | 46 | 39 | 34 | 36 | 31 | 27 | 26 | 23 | 20 | 17 | 15 | 13 | 10 | | | | 10 |
| 6 | 58 | 46 | 38 | 33 | 51 | 41 | 34 | 29 | 32 | 27 | 23 | 23 | 20 | 17 | 15 | 13 | 12 | 8 | | | | 8 |
| 7 | 53 | 41 | 34 | 28 | 47 | 37 | 30 | 26 | 29 | 24 | 20 | 21 | 18 | 15 | 14 | 12 | 10 | 7 | | | | 7 |
| 8 | 49 | 37 | 30 | 25 | 44 | 33 | 27 | 22 | 26 | 21 | 18 | 19 | 16 | 13 | 12 | 10 | 9 | 6 | | | | 6 |
| 9 | 46 | 34 | 27 | 22 | 40 | 30 | 24 | 20 | 24 | 19 | 16 | 17 | 14 | 12 | 11 | 9 | 8 | 6 | | | | 6 |
| 10 | 42 | 31 | 24 | 19 | 38 | 28 | 21 | 17 | 22 | 17 | 14 | 16 | 13 | 10 | 10 | 9 | 7 | 5 | | | | 5 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° |
|-----|------|------|------|
| 0° | 1490 | 1490 | 1490 |
| 5° | 1455 | 1721 | 2004 |
| 10° | 1318 | 2508 | 3322 |
| 15° | 1119 | 3274 | 4011 |
| 20° | 910 | 3791 | 4088 |
| 25° | 758 | 3964 | 4005 |
| 30° | 638 | 3986 | 3998 |
| 35° | 563 | 3917 | 4101 |
| 40° | 490 | 3828 | 4207 |
| 45° | 443 | 3762 | 4224 |
| 50° | 407 | 3701 | 4154 |
| 55° | 387 | 3614 | 3969 |
| 60° | 395 | 3451 | 3679 |
| 65° | 408 | 3205 | 3279 |
| 70° | 432 | 2788 | 2771 |
| 75° | 475 | 2268 | 2162 |
| 80° | 510 | 1567 | 1457 |
| 85° | 431 | 827 | 745 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
 Vertical Angle: 45°
 Luminance: 4224 cd/sqm



TEST NUMBER: P937822

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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 20.8 | 0.4 |
| 10°-20° | 92.1 | 1.8 |
| 20°-30° | 161.1 | 3.2 |
| 30°-40° | 207.4 | 4.1 |
| 40°-50° | 231.6 | 4.5 |
| 50°-60° | 221.9 | 4.4 |
| 60°-70° | 175.8 | 3.5 |
| 70°-80° | 103.4 | 2.0 |
| 80°-90° | 31.0 | 0.6 |
| 90°-100° | 289.6 | 5.7 |
| 100°-110° | 761.3 | 14.9 |
| 110°-120° | 789.4 | 15.5 |
| 120°-130° | 633.1 | 12.4 |
| 130°-140° | 496.8 | 9.7 |
| 140°-150° | 381.3 | 7.5 |
| 150°-160° | 274.6 | 5.4 |
| 160°-170° | 168.0 | 3.3 |
| 170°-180° | 56.8 | 1.1 |
| 0°-30° | 274.0 | 5.4 |
| 0°-40° | 481.4 | 9.4 |
| 0°-60° | 934.9 | 18.3 |
| 0°-90° | 1245.0 | 24.4 |
| 90°-120° | 1840.2 | 36.1 |
| 90°-150° | 3351.4 | 65.8 |
| 90°-180° | 3851.0 | 75.6 |
| 0°-180° | 5095.9 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 22.5° | 45° | 67.5° | 90° | Flux |
|------|-----|-------|-----|-------|------|------|
| 0° | 161 | 161 | 161 | 161 | 161 | |
| 5° | 156 | 168 | 189 | 214 | 222 | 14 |
| 15° | 117 | 216 | 365 | 442 | 456 | 33 |
| 25° | 75 | 245 | 434 | 454 | 454 | 34 |
| 35° | 51 | 234 | 409 | 432 | 449 | 32 |
| 45° | 35 | 187 | 362 | 414 | 433 | 27 |
| 55° | 25 | 119 | 307 | 356 | 366 | 23 |
| 65° | 20 | 63 | 228 | 256 | 260 | 19 |
| 75° | 14 | 39 | 125 | 137 | 138 | 15 |
| 85° | 5 | 12 | 31 | 34 | 35 | 5 |
| 90° | 4 | 11 | 30 | 15 | 15 | 4 |
| 95° | 38 | 150 | 499 | 257 | 175 | 42 |
| 105° | 137 | 208 | 842 | 1278 | 1192 | 145 |
| 115° | 244 | 296 | 674 | 1345 | 1535 | 241 |
| 125° | 339 | 380 | 613 | 1036 | 1222 | 301 |
| 135° | 404 | 444 | 594 | 836 | 948 | 312 |
| 145° | 468 | 498 | 586 | 714 | 770 | 293 |
| 155° | 530 | 544 | 586 | 644 | 663 | 243 |
| 165° | 571 | 579 | 586 | 610 | 617 | 161 |
| 175° | 594 | 594 | 590 | 598 | 598 | 56 |
| 180° | 594 | 594 | 594 | 594 | 594 | |



TEST NUMBER: P937822

CATALOG NUMBER: SQ4-FB-125U-050D-927-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|
| 0° | 160.6 | 160.6 | 160.6 | 160.6 | 160.6 | 160.6 | 160.6 | 160.6 | 160.6 | 160.6 | 160.6 |
| 2.5° | 160.6 | 160.6 | 161.7 | 162.2 | 163.2 | 163.8 | 164.8 | 165.8 | 168.9 | 169.4 | 170.5 |
| 5° | 156.5 | 158.6 | 165.3 | 167.9 | 175.1 | 185.0 | 189.0 | 195.8 | 209.7 | 213.8 | 216.4 |
| 7.5° | 150.3 | 155.0 | 171.5 | 175.6 | 193.7 | 219.5 | 230.4 | 244.9 | 267.0 | 277.9 | 286.7 |
| 10° | 140.5 | 150.3 | 179.8 | 189.6 | 219.0 | 258.3 | 278.4 | 298.6 | 332.2 | 347.1 | 352.8 |
| 12.5° | 129.7 | 145.7 | 188.6 | 202.0 | 244.3 | 301.7 | 325.9 | 348.2 | 386.4 | 406.6 | 409.6 |
| 15° | 117.3 | 139.0 | 196.8 | 216.4 | 271.2 | 337.8 | 364.7 | 392.1 | 427.7 | 442.1 | 445.8 |
| 17.5° | 106.4 | 133.8 | 204.6 | 225.2 | 291.8 | 370.4 | 397.8 | 420.5 | 449.4 | 459.2 | 461.8 |
| 20° | 93.0 | 125.5 | 209.7 | 236.6 | 313.5 | 394.2 | 420.5 | 438.1 | 457.7 | 463.8 | 464.9 |
| 22.5° | 83.2 | 116.7 | 212.8 | 240.7 | 328.0 | 408.6 | 430.8 | 444.8 | 458.2 | 460.2 | 460.8 |
| 25° | 74.9 | 107.0 | 212.3 | 245.4 | 340.4 | 417.3 | 434.4 | 444.8 | 452.5 | 453.5 | 453.5 |
| 27.5° | 67.1 | 96.1 | 210.2 | 246.4 | 349.7 | 419.4 | 432.9 | 440.1 | 443.8 | 445.8 | 445.8 |
| 30° | 60.4 | 85.8 | 205.1 | 244.3 | 353.8 | 417.3 | 428.2 | 431.8 | 435.4 | 438.6 | 440.1 |
| 32.5° | 55.3 | 75.9 | 197.4 | 240.2 | 354.4 | 412.2 | 420.0 | 422.0 | 427.2 | 434.4 | 437.0 |
| 35° | 50.6 | 66.1 | 188.6 | 234.5 | 351.3 | 403.9 | 409.1 | 411.2 | 421.5 | 432.4 | 436.0 |
| 37.5° | 46.0 | 58.9 | 177.2 | 224.7 | 346.6 | 394.2 | 397.8 | 401.4 | 417.3 | 430.3 | 434.4 |
| 40° | 41.3 | 52.7 | 163.8 | 213.8 | 339.4 | 382.2 | 385.4 | 391.0 | 412.2 | 427.2 | 431.4 |
| 42.5° | 37.7 | 47.5 | 149.3 | 202.5 | 330.1 | 368.8 | 373.4 | 381.8 | 406.0 | 422.0 | 426.7 |
| 45° | 34.6 | 42.4 | 133.8 | 187.0 | 318.2 | 354.9 | 361.6 | 373.0 | 398.8 | 414.3 | 418.4 |
| 47.5° | 31.5 | 38.7 | 117.8 | 171.0 | 305.3 | 341.0 | 349.7 | 362.6 | 389.0 | 403.9 | 407.6 |
| 50° | 29.0 | 35.1 | 101.8 | 153.9 | 291.4 | 325.9 | 336.3 | 349.7 | 376.6 | 390.5 | 395.2 |
| 52.5° | 26.9 | 32.0 | 86.8 | 136.9 | 275.4 | 310.5 | 322.3 | 336.3 | 361.6 | 375.0 | 378.1 |
| 55° | 24.8 | 29.4 | 73.8 | 118.8 | 258.8 | 293.9 | 306.8 | 320.2 | 345.0 | 356.4 | 358.5 |
| 57.5° | 23.8 | 27.4 | 63.0 | 101.8 | 241.2 | 275.4 | 289.8 | 302.1 | 325.4 | 334.2 | 336.3 |
| 60° | 22.2 | 25.8 | 54.7 | 87.3 | 222.1 | 257.8 | 270.2 | 282.6 | 302.1 | 309.4 | 311.0 |
| 62.5° | 20.6 | 24.8 | 48.6 | 73.4 | 202.5 | 237.1 | 249.5 | 260.9 | 277.4 | 282.6 | 284.6 |
| 65° | 19.6 | 23.8 | 43.9 | 63.0 | 182.3 | 215.4 | 227.8 | 237.6 | 251.0 | 256.2 | 257.3 |
| 67.5° | 18.6 | 22.7 | 40.3 | 54.2 | 162.2 | 193.7 | 203.0 | 212.3 | 222.6 | 227.8 | 228.3 |
| 70° | 17.0 | 21.7 | 37.2 | 48.0 | 141.5 | 168.9 | 176.6 | 186.5 | 194.7 | 197.4 | 198.9 |
| 72.5° | 16.0 | 20.2 | 35.1 | 43.4 | 120.4 | 145.1 | 152.4 | 158.1 | 165.3 | 167.9 | 167.9 |
| 75° | 14.5 | 18.1 | 33.0 | 38.7 | 98.6 | 118.8 | 125.0 | 130.7 | 136.4 | 137.4 | 135.8 |
| 77.5° | 12.9 | 16.0 | 28.4 | 32.6 | 77.0 | 94.0 | 99.2 | 102.3 | 107.0 | 108.0 | 108.5 |
| 80° | 10.9 | 13.9 | 22.2 | 25.3 | 55.8 | 69.2 | 72.8 | 75.4 | 79.5 | 79.5 | 80.6 |
| 82.5° | 8.2 | 10.9 | 16.0 | 18.1 | 37.7 | 47.5 | 50.6 | 52.2 | 54.7 | 54.7 | 54.7 |
| 85° | 5.2 | 6.7 | 10.3 | 11.9 | 22.7 | 29.0 | 31.0 | 31.5 | 33.6 | 34.1 | 34.1 |
| 87.5° | 2.6 | 3.6 | 6.7 | 7.2 | 11.9 | 15.0 | 15.0 | 16.0 | 16.0 | 15.5 | 15.0 |
| 90° | 4.0 | 7.2 | 10.4 | 11.2 | 17.6 | 26.0 | 30.3 | 26.9 | 20.2 | 15.2 | 15.2 |
| 92.5° | 15.9 | 43.0 | 70.1 | 76.9 | 108.2 | 149.8 | 170.6 | 149.5 | 107.4 | 75.8 | 72.8 |
| 95° | 38.3 | 87.9 | 137.5 | 149.9 | 266.2 | 421.2 | 498.7 | 445.1 | 337.7 | 257.2 | 248.0 |
| 97.5° | 66.1 | 109.9 | 153.7 | 164.6 | 358.5 | 617.0 | 746.3 | 712.3 | 644.5 | 593.6 | 576.3 |
| 100° | 87.7 | 127.4 | 167.1 | 177.0 | 392.2 | 679.0 | 822.4 | 824.9 | 829.9 | 833.6 | 812.9 |
| 102.5° | 106.0 | 143.1 | 180.1 | 189.3 | 407.6 | 698.5 | 844.0 | 887.3 | 973.7 | 1038.6 | 1020.9 |
| 105° | 137.1 | 168.6 | 199.9 | 207.7 | 419.0 | 700.8 | 841.6 | 938.6 | 1132.4 | 1277.7 | 1268.2 |
| 107.5° | 169.0 | 198.3 | 227.5 | 234.8 | 421.2 | 669.6 | 793.8 | 929.0 | 1199.4 | 1402.1 | 1404.4 |
| 110° | 190.6 | 217.0 | 243.3 | 249.9 | 418.0 | 641.9 | 753.9 | 905.1 | 1207.4 | 1434.0 | 1444.0 |



TEST NUMBER: P937822

CATALOG NUMBER: SQ4-FB-125U-050D-927-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (continued):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|
| 112.5° | 211.7 | 236.9 | 262.0 | 268.3 | 418.0 | 617.8 | 717.6 | 872.3 | 1181.7 | 1413.7 | 1429.0 |
| 115° | 243.6 | 266.8 | 290.1 | 295.8 | 422.0 | 590.1 | 674.1 | 823.1 | 1121.2 | 1344.7 | 1365.8 |
| 117.5° | 275.1 | 296.2 | 317.3 | 322.6 | 429.8 | 572.8 | 644.3 | 778.7 | 1047.7 | 1249.4 | 1272.8 |
| 120° | 293.4 | 313.3 | 333.2 | 338.1 | 436.2 | 567.0 | 632.3 | 755.2 | 1000.9 | 1185.3 | 1208.1 |
| 122.5° | 311.4 | 331.4 | 351.4 | 356.4 | 445.4 | 563.9 | 623.2 | 733.8 | 955.1 | 1121.0 | 1143.5 |
| 125° | 338.9 | 357.1 | 375.4 | 379.9 | 457.7 | 561.3 | 613.2 | 707.2 | 895.1 | 1036.1 | 1056.8 |
| 127.5° | 361.2 | 379.6 | 398.0 | 402.6 | 470.0 | 559.9 | 604.8 | 685.5 | 846.9 | 968.0 | 985.4 |
| 130° | 373.1 | 393.0 | 412.9 | 417.8 | 479.1 | 560.8 | 601.6 | 673.4 | 817.1 | 924.9 | 941.0 |
| 132.5° | 385.5 | 405.4 | 425.3 | 430.2 | 486.4 | 561.3 | 598.8 | 663.1 | 791.8 | 888.3 | 902.7 |
| 135° | 403.9 | 422.0 | 440.0 | 444.5 | 494.3 | 560.8 | 594.1 | 648.0 | 755.7 | 836.5 | 848.9 |
| 137.5° | 422.6 | 440.4 | 458.4 | 462.8 | 506.3 | 564.3 | 593.2 | 638.7 | 729.8 | 798.1 | 808.3 |
| 140° | 438.1 | 454.6 | 471.1 | 475.2 | 513.7 | 564.9 | 590.4 | 629.8 | 708.5 | 767.5 | 777.0 |
| 142.5° | 450.1 | 465.3 | 480.6 | 484.4 | 519.8 | 566.9 | 590.4 | 625.0 | 694.1 | 745.9 | 754.1 |
| 145° | 468.5 | 481.7 | 495.0 | 498.3 | 527.7 | 566.9 | 586.4 | 614.7 | 671.2 | 713.6 | 719.9 |
| 147.5° | 486.8 | 499.7 | 512.7 | 515.9 | 539.4 | 570.7 | 586.4 | 608.7 | 653.2 | 686.5 | 691.7 |
| 150° | 498.7 | 510.4 | 522.1 | 525.1 | 545.5 | 572.8 | 586.4 | 605.2 | 642.8 | 671.0 | 675.1 |
| 152.5° | 511.1 | 520.0 | 528.8 | 531.1 | 549.5 | 574.1 | 586.4 | 602.4 | 634.6 | 658.6 | 661.7 |
| 155° | 529.5 | 536.0 | 542.5 | 544.2 | 558.2 | 577.0 | 586.4 | 599.2 | 624.7 | 643.9 | 646.0 |
| 157.5° | 543.0 | 549.4 | 555.7 | 557.3 | 567.0 | 580.0 | 586.4 | 596.4 | 616.2 | 631.1 | 632.6 |
| 160° | 552.2 | 557.1 | 562.1 | 563.3 | 571.0 | 581.3 | 586.4 | 594.9 | 611.9 | 624.7 | 625.5 |
| 162.5° | 561.3 | 565.0 | 568.8 | 569.7 | 575.3 | 582.7 | 586.4 | 593.6 | 608.0 | 618.8 | 619.5 |
| 165° | 571.3 | 574.7 | 578.0 | 578.9 | 581.4 | 584.7 | 586.4 | 591.6 | 601.8 | 609.5 | 610.4 |
| 167.5° | 580.5 | 582.0 | 583.7 | 584.0 | 586.2 | 589.1 | 590.4 | 593.8 | 600.5 | 605.6 | 606.0 |
| 170° | 586.4 | 588.0 | 589.7 | 590.1 | 590.2 | 590.4 | 590.4 | 593.8 | 600.5 | 605.6 | 605.6 |
| 172.5° | 589.7 | 590.0 | 590.4 | 590.4 | 590.4 | 590.4 | 590.4 | 593.1 | 598.4 | 602.4 | 602.1 |
| 175° | 594.1 | 594.1 | 594.1 | 594.1 | 592.8 | 591.2 | 590.4 | 592.1 | 595.4 | 598.0 | 598.0 |
| 177.5° | 594.1 | 594.1 | 594.1 | 594.1 | 593.1 | 591.8 | 591.2 | 592.5 | 595.2 | 597.2 | 596.8 |
| 180° | 594.1 | 594.1 | 594.1 | 594.1 | 594.1 | 594.1 | 594.1 | 594.1 | 594.1 | 594.1 | 594.1 |



TEST NUMBER: P937822

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CANDELA DISTRIBUTION (continued):

| | 80° | 90° |
|--------|--------|--------|
| 0° | 160.6 | 160.6 |
| 2.5° | 171.5 | 170.5 |
| 5° | 220.6 | 221.6 |
| 7.5° | 297.0 | 296.5 |
| 10° | 369.4 | 374.0 |
| 12.5° | 422.0 | 423.0 |
| 15° | 454.1 | 456.1 |
| 17.5° | 466.5 | 467.0 |
| 20° | 467.0 | 465.9 |
| 22.5° | 461.3 | 460.2 |
| 25° | 454.6 | 454.1 |
| 27.5° | 448.4 | 448.9 |
| 30° | 445.8 | 447.4 |
| 32.5° | 445.8 | 448.4 |
| 35° | 446.8 | 449.4 |
| 37.5° | 446.3 | 449.4 |
| 40° | 444.2 | 447.8 |
| 42.5° | 438.6 | 441.1 |
| 45° | 429.7 | 432.9 |
| 47.5° | 418.4 | 420.5 |
| 50° | 403.9 | 406.0 |
| 52.5° | 385.8 | 386.4 |
| 55° | 364.2 | 366.2 |
| 57.5° | 341.0 | 341.4 |
| 60° | 315.1 | 316.6 |
| 62.5° | 287.7 | 287.7 |
| 65° | 258.8 | 259.8 |
| 67.5° | 228.8 | 231.4 |
| 70° | 198.4 | 198.9 |
| 72.5° | 168.4 | 168.4 |
| 75° | 137.4 | 137.9 |
| 77.5° | 108.0 | 108.0 |
| 80° | 80.1 | 80.6 |
| 82.5° | 55.3 | 56.3 |
| 85° | 34.6 | 34.6 |
| 87.5° | 16.0 | 14.5 |
| 90° | 15.2 | 15.2 |
| 92.5° | 60.7 | 48.7 |
| 95° | 211.5 | 175.0 |
| 97.5° | 506.8 | 437.4 |
| 100° | 730.2 | 647.4 |
| 102.5° | 949.9 | 879.1 |
| 105° | 1230.2 | 1192.0 |
| 107.5° | 1413.6 | 1422.9 |
| 110° | 1483.6 | 1523.3 |



TEST NUMBER: P937822

CATALOG NUMBER: SQ4-FB-125U-050D-927-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (continued):

| | 80° | 90° |
|--------|--------|--------|
| 112.5° | 1489.9 | 1550.9 |
| 115° | 1450.4 | 1534.9 |
| 117.5° | 1366.6 | 1460.3 |
| 120° | 1299.1 | 1390.2 |
| 122.5° | 1233.3 | 1323.2 |
| 125° | 1139.5 | 1222.3 |
| 127.5° | 1055.2 | 1125.0 |
| 130° | 1005.5 | 1070.1 |
| 132.5° | 960.4 | 1018.2 |
| 135° | 898.7 | 948.4 |
| 137.5° | 849.1 | 889.8 |
| 140° | 815.0 | 853.2 |
| 142.5° | 786.9 | 819.7 |
| 145° | 744.7 | 769.5 |
| 147.5° | 712.2 | 732.7 |
| 150° | 691.8 | 708.5 |
| 152.5° | 674.3 | 686.9 |
| 155° | 654.3 | 662.6 |
| 157.5° | 638.4 | 644.3 |
| 160° | 628.9 | 632.3 |
| 162.5° | 622.8 | 625.9 |
| 165° | 613.8 | 617.2 |
| 167.5° | 607.4 | 608.8 |
| 170° | 605.6 | 605.6 |
| 172.5° | 600.8 | 599.6 |
| 175° | 598.0 | 598.0 |
| 177.5° | 595.4 | 594.1 |
| 180° | 594.1 | 594.1 |



TEST NUMBER: P937822
 CATALOG NUMBER: SQ4-FB-125U-050D-927-1D-UNV-STD-W-4

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 | 0.00 | 0.05 | 0.51 | 1.19 | 2.78 | 12.50 | 13.19 | 13.65 | 14.33 | 15.92 |
| | 3H | 0.06 | 0.67 | 1.21 | 1.82 | 3.42 | 14.31 | 14.93 | 15.47 | 16.08 | 17.68 |
| | 4H | 0.35 | 0.93 | 1.51 | 2.08 | 3.69 | 14.94 | 15.53 | 16.10 | 16.67 | 18.28 |
| | 6H | 0.59 | 1.13 | 1.76 | 2.27 | 3.90 | 15.35 | 15.89 | 16.52 | 17.04 | 18.66 |
| | 8H | 0.65 | 1.16 | 1.82 | 2.33 | 3.94 | 15.46 | 15.97 | 16.63 | 17.13 | 18.75 |
| | 12H | 0.66 | 1.15 | 1.84 | 2.31 | 3.94 | 15.51 | 16.00 | 16.69 | 17.16 | 18.80 |
| 4H | 2H | 6.53 | 7.12 | 7.70 | 8.26 | 9.88 | 12.76 | 13.34 | 13.93 | 14.49 | 16.10 |
| | 3H | 8.09 | 8.58 | 9.26 | 9.75 | 11.37 | 14.77 | 15.26 | 15.95 | 16.43 | 18.06 |
| | 4H | 8.17 | 8.62 | 9.35 | 9.78 | 11.43 | 15.52 | 15.97 | 16.70 | 17.13 | 18.77 |
| | 6H | 8.17 | 8.56 | 9.36 | 9.74 | 11.38 | 16.04 | 16.42 | 17.22 | 17.61 | 19.24 |
| | 8H | 8.15 | 8.51 | 9.33 | 9.68 | 11.33 | 16.19 | 16.55 | 17.37 | 17.72 | 19.37 |
| | 12H | 8.09 | 8.42 | 9.29 | 9.61 | 11.26 | 16.26 | 16.59 | 17.46 | 17.78 | 19.43 |
| 8H | 4H | 9.59 | 9.95 | 10.77 | 11.13 | 12.78 | 15.57 | 15.93 | 16.75 | 17.10 | 18.75 |
| | 6H | 9.83 | 10.13 | 11.03 | 11.34 | 12.99 | 16.18 | 16.47 | 17.38 | 17.69 | 19.34 |
| | 8H | 9.84 | 10.10 | 11.05 | 11.29 | 12.96 | 16.38 | 16.64 | 17.59 | 17.84 | 19.50 |
| | 12H | 9.80 | 10.03 | 11.01 | 11.22 | 12.92 | 16.51 | 16.74 | 17.72 | 17.93 | 19.63 |
| 12H | 4H | 9.72 | 10.05 | 10.92 | 11.24 | 12.89 | 15.51 | 15.84 | 16.71 | 17.02 | 18.68 |
| | 6H | 10.08 | 10.34 | 11.28 | 11.53 | 13.20 | 16.16 | 16.42 | 17.36 | 17.61 | 19.28 |
| | 8H | 10.14 | 10.37 | 11.35 | 11.56 | 13.26 | 16.37 | 16.60 | 17.58 | 17.79 | 19.49 |