

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: P937047

Luminaire Tested: SQ4-FB-075U-050D-92765-1D-UNV-STD-W-8-5000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P937047
REPORT IS A COMBINATION OF REPORTS P933517 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FB-075U-050D-92765-1D-UNV-STD-W-8-5000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Batwing Frosted Continuous Roll L
Light Source: -
Ballast/Driver: -

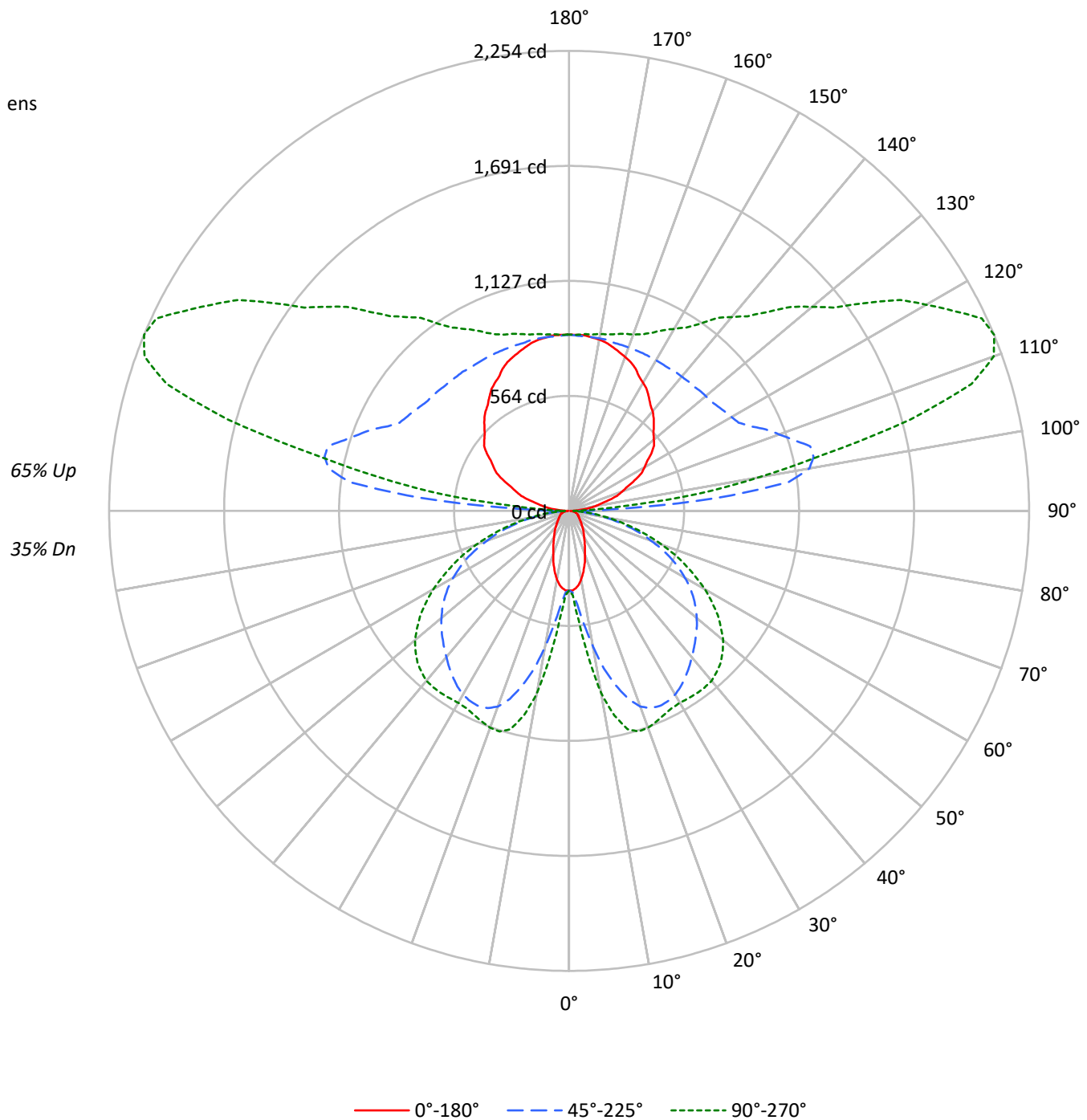
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8617.1 lumens
Efficiency: N/A
Efficacy: 125.2 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): 68.8
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: P937047
CATALOG NUMBER: SQ4-FB-075U-050D-92765-1D-UNV-STD-W-8-5000K

Luminous Intensity Polar Plot





TEST NUMBER: P937047

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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 | 104 | 104 | 104 | 104 | 94 | 94 | 94 | 94 | 75 | 75 | 75 | 58 | 58 | 58 | 42 | 42 | 42 | 35 |
| 1 | 94 | 90 | 86 | 82 | 85 | 81 | 78 | 75 | 65 | 63 | 61 | 50 | 49 | 47 | 37 | 36 | 35 | 29 |
| 2 | 85 | 78 | 72 | 66 | 77 | 70 | 65 | 61 | 57 | 53 | 50 | 44 | 41 | 39 | 32 | 30 | 29 | 23 |
| 3 | 77 | 68 | 61 | 55 | 70 | 62 | 55 | 50 | 49 | 45 | 41 | 38 | 35 | 32 | 28 | 26 | 24 | 19 |
| 4 | 71 | 60 | 52 | 46 | 63 | 54 | 47 | 42 | 44 | 39 | 35 | 34 | 30 | 27 | 25 | 22 | 20 | 16 |
| 5 | 65 | 53 | 45 | 39 | 58 | 48 | 41 | 36 | 39 | 33 | 29 | 30 | 26 | 23 | 22 | 19 | 17 | 14 |
| 6 | 59 | 47 | 39 | 33 | 53 | 43 | 36 | 31 | 35 | 29 | 25 | 27 | 23 | 20 | 20 | 17 | 15 | 12 |
| 7 | 55 | 42 | 34 | 29 | 49 | 38 | 31 | 26 | 31 | 26 | 22 | 24 | 20 | 17 | 18 | 15 | 13 | 10 |
| 8 | 50 | 38 | 30 | 25 | 45 | 35 | 28 | 23 | 28 | 23 | 19 | 22 | 18 | 15 | 16 | 14 | 12 | 9 |
| 9 | 47 | 35 | 27 | 22 | 42 | 32 | 25 | 20 | 26 | 21 | 17 | 20 | 16 | 14 | 15 | 12 | 10 | 8 |
| 10 | 44 | 32 | 24 | 20 | 39 | 29 | 22 | 18 | 23 | 18 | 15 | 18 | 15 | 12 | 14 | 11 | 9 | 7 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° |
|-----|------|------|------|
| 0° | 1809 | 1809 | 1809 |
| 5° | 1767 | 2091 | 2431 |
| 10° | 1603 | 3048 | 4031 |
| 15° | 1362 | 3982 | 4868 |
| 20° | 1109 | 4614 | 4961 |
| 25° | 925 | 4828 | 4860 |
| 30° | 780 | 4859 | 4851 |
| 35° | 689 | 4778 | 4976 |
| 40° | 601 | 4674 | 5106 |
| 45° | 544 | 4597 | 5126 |
| 50° | 499 | 4528 | 5042 |
| 55° | 478 | 4427 | 4818 |
| 60° | 490 | 4232 | 4465 |
| 65° | 510 | 3937 | 3980 |
| 70° | 543 | 3433 | 3362 |
| 75° | 601 | 2799 | 2624 |
| 80° | 659 | 1942 | 1767 |
| 85° | 582 | 1030 | 905 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
 Vertical Angle: 45°
 Luminance: 5126 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 50.4 | 0.6 |
| 10°-20° | 223.5 | 2.6 |
| 20°-30° | 391.0 | 4.5 |
| 30°-40° | 503.3 | 5.8 |
| 40°-50° | 562.2 | 6.5 |
| 50°-60° | 538.5 | 6.2 |
| 60°-70° | 426.7 | 5.0 |
| 70°-80° | 250.9 | 2.9 |
| 80°-90° | 73.0 | 0.8 |
| 90°-100° | 420.9 | 4.9 |
| 100°-110° | 1106.5 | 12.8 |
| 110°-120° | 1147.4 | 13.3 |
| 120°-130° | 920.3 | 10.7 |
| 130°-140° | 722.1 | 8.4 |
| 140°-150° | 554.3 | 6.4 |
| 150°-160° | 399.2 | 4.6 |
| 160°-170° | 244.2 | 2.8 |
| 170°-180° | 82.5 | 1.0 |
| 0°-30° | 665.0 | 7.7 |
| 0°-40° | 1168.3 | 13.6 |
| 0°-60° | 2268.9 | 26.3 |
| 0°-90° | 3019.6 | 35.0 |
| 90°-120° | 2674.8 | 31.0 |
| 90°-150° | 4871.6 | 56.5 |
| 90°-180° | 5597.0 | 65.0 |
| 0°-180° | 8617.1 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 22.5° | 45° | 67.5° | 90° | Flux |
|------|-----|-------|------|-------|------|------|
| 0° | 390 | 390 | 390 | 390 | 390 | |
| 5° | 380 | 407 | 459 | 519 | 538 | 35 |
| 15° | 285 | 525 | 885 | 1073 | 1107 | 79 |
| 25° | 182 | 596 | 1054 | 1101 | 1102 | 84 |
| 35° | 123 | 569 | 993 | 1049 | 1091 | 77 |
| 45° | 84 | 454 | 878 | 1006 | 1051 | 65 |
| 55° | 60 | 288 | 745 | 865 | 889 | 55 |
| 65° | 48 | 153 | 553 | 622 | 631 | 47 |
| 75° | 35 | 94 | 303 | 334 | 335 | 37 |
| 85° | 12 | 29 | 75 | 83 | 84 | 13 |
| 90° | 6 | 16 | 44 | 22 | 22 | 6 |
| 95° | 56 | 218 | 725 | 374 | 254 | 62 |
| 105° | 199 | 302 | 1223 | 1857 | 1733 | 211 |
| 115° | 354 | 430 | 980 | 1955 | 2231 | 350 |
| 125° | 493 | 552 | 891 | 1506 | 1777 | 437 |
| 135° | 587 | 646 | 864 | 1216 | 1379 | 454 |
| 145° | 681 | 724 | 852 | 1037 | 1118 | 427 |
| 155° | 770 | 791 | 852 | 936 | 963 | 354 |
| 165° | 830 | 841 | 852 | 886 | 897 | 234 |
| 175° | 864 | 864 | 858 | 869 | 869 | 82 |
| 180° | 864 | 864 | 864 | 864 | 864 | |



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CATALOG NUMBER: SQ4-FB-075U-050D-92765-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| 0° | 389.9 | 389.9 | 389.9 | 389.9 | 389.9 | 389.9 | 389.9 | 389.9 | 389.9 | 389.9 | 389.9 |
| 2.5° | 389.9 | 389.9 | 392.4 | 393.7 | 396.1 | 397.4 | 400.0 | 402.5 | 410.0 | 411.2 | 413.7 |
| 5° | 379.9 | 384.9 | 401.2 | 407.4 | 425.0 | 448.8 | 458.8 | 475.1 | 509.0 | 519.0 | 525.3 |
| 7.5° | 364.8 | 376.1 | 416.2 | 426.2 | 470.2 | 532.8 | 559.1 | 594.3 | 648.1 | 674.5 | 695.8 |
| 10° | 341.0 | 364.8 | 436.3 | 460.2 | 531.6 | 626.8 | 675.8 | 724.7 | 806.1 | 842.5 | 856.3 |
| 12.5° | 314.7 | 353.5 | 457.6 | 490.2 | 593.0 | 732.2 | 791.1 | 845.0 | 937.8 | 986.7 | 994.2 |
| 15° | 284.6 | 337.2 | 477.6 | 525.3 | 658.2 | 819.9 | 885.2 | 951.5 | 1038.1 | 1073.1 | 1081.9 |
| 17.5° | 258.3 | 324.7 | 496.5 | 546.6 | 708.3 | 898.9 | 965.4 | 1020.5 | 1090.7 | 1114.5 | 1120.8 |
| 20° | 225.6 | 304.6 | 509.0 | 574.2 | 761.0 | 956.6 | 1020.5 | 1063.1 | 1110.8 | 1125.9 | 1128.4 |
| 22.5° | 201.8 | 283.3 | 516.5 | 584.2 | 796.1 | 991.7 | 1045.6 | 1079.5 | 1112.0 | 1117.1 | 1118.3 |
| 25° | 181.8 | 259.5 | 515.3 | 595.5 | 826.2 | 1013.0 | 1054.3 | 1079.5 | 1098.3 | 1100.8 | 1100.8 |
| 27.5° | 163.0 | 233.2 | 510.3 | 598.0 | 848.8 | 1018.0 | 1050.6 | 1068.2 | 1077.0 | 1081.9 | 1081.9 |
| 30° | 146.7 | 208.2 | 497.7 | 593.0 | 858.8 | 1013.0 | 1039.3 | 1048.1 | 1056.9 | 1064.4 | 1068.2 |
| 32.5° | 134.1 | 184.3 | 478.9 | 583.0 | 860.0 | 1000.4 | 1019.3 | 1024.3 | 1036.8 | 1054.3 | 1060.6 |
| 35° | 122.8 | 160.5 | 457.6 | 569.1 | 852.5 | 980.4 | 992.9 | 998.0 | 1023.0 | 1049.4 | 1058.1 |
| 37.5° | 111.6 | 142.9 | 430.1 | 545.4 | 841.2 | 956.6 | 965.4 | 974.2 | 1013.0 | 1044.3 | 1054.3 |
| 40° | 100.3 | 127.9 | 397.4 | 519.0 | 823.7 | 927.8 | 935.3 | 949.1 | 1000.4 | 1036.8 | 1046.9 |
| 42.5° | 91.5 | 115.3 | 362.3 | 491.5 | 801.1 | 895.2 | 906.5 | 926.5 | 985.5 | 1024.3 | 1035.6 |
| 45° | 84.0 | 102.8 | 324.7 | 453.8 | 772.3 | 861.3 | 877.6 | 905.2 | 967.9 | 1005.5 | 1015.5 |
| 47.5° | 76.5 | 94.0 | 285.8 | 415.0 | 740.9 | 827.5 | 848.8 | 880.1 | 944.1 | 980.4 | 989.2 |
| 50° | 70.2 | 85.2 | 246.9 | 373.6 | 707.1 | 791.1 | 816.2 | 848.8 | 914.0 | 947.8 | 959.1 |
| 52.5° | 65.1 | 77.8 | 210.6 | 332.2 | 668.2 | 753.5 | 782.3 | 816.2 | 877.6 | 910.2 | 917.7 |
| 55° | 60.2 | 71.5 | 179.3 | 288.4 | 628.1 | 713.4 | 744.7 | 777.3 | 837.5 | 865.1 | 870.1 |
| 57.5° | 57.7 | 66.5 | 152.9 | 246.9 | 585.5 | 668.2 | 703.4 | 733.5 | 789.8 | 811.1 | 816.2 |
| 60° | 53.9 | 62.7 | 132.9 | 211.9 | 539.1 | 625.6 | 655.7 | 685.8 | 733.5 | 750.9 | 754.8 |
| 62.5° | 50.2 | 60.2 | 117.9 | 178.1 | 491.5 | 575.5 | 605.5 | 633.2 | 673.3 | 685.8 | 690.8 |
| 65° | 47.7 | 57.7 | 106.6 | 152.9 | 442.6 | 522.8 | 552.9 | 576.7 | 609.3 | 621.9 | 624.4 |
| 67.5° | 45.1 | 55.1 | 97.8 | 131.6 | 393.7 | 470.2 | 492.7 | 515.3 | 540.4 | 552.9 | 554.1 |
| 70° | 41.4 | 52.6 | 90.3 | 116.6 | 343.5 | 410.0 | 428.7 | 452.6 | 472.7 | 478.9 | 482.7 |
| 72.5° | 38.9 | 48.9 | 85.2 | 105.3 | 292.1 | 352.3 | 369.9 | 383.6 | 401.2 | 407.4 | 407.4 |
| 75° | 35.1 | 43.8 | 80.2 | 94.0 | 239.5 | 288.4 | 303.4 | 317.1 | 331.0 | 333.5 | 329.8 |
| 77.5° | 31.3 | 38.9 | 69.0 | 79.0 | 186.8 | 228.2 | 240.7 | 248.3 | 259.5 | 262.0 | 263.3 |
| 80° | 26.4 | 33.8 | 53.9 | 61.4 | 135.4 | 168.0 | 176.8 | 183.0 | 193.1 | 193.1 | 195.5 |
| 82.5° | 20.1 | 26.4 | 38.9 | 43.8 | 91.5 | 115.3 | 122.8 | 126.7 | 132.9 | 132.9 | 132.9 |
| 85° | 12.5 | 16.3 | 25.1 | 28.8 | 55.1 | 70.2 | 75.2 | 76.5 | 81.5 | 82.7 | 82.7 |
| 87.5° | 6.3 | 8.8 | 16.3 | 17.6 | 28.8 | 36.4 | 36.4 | 38.9 | 38.9 | 37.6 | 36.4 |
| 90° | 5.8 | 10.5 | 15.1 | 16.3 | 25.5 | 37.9 | 44.0 | 39.2 | 29.3 | 22.1 | 22.1 |
| 92.5° | 23.2 | 62.6 | 102.1 | 111.9 | 157.3 | 217.8 | 248.1 | 217.4 | 156.1 | 110.1 | 105.7 |
| 95° | 55.6 | 127.8 | 199.8 | 217.9 | 386.9 | 612.2 | 725.0 | 646.9 | 490.8 | 373.8 | 360.5 |
| 97.5° | 96.2 | 159.8 | 223.5 | 239.4 | 521.2 | 896.9 | 1084.8 | 1035.5 | 936.9 | 862.9 | 837.7 |
| 100° | 127.5 | 185.2 | 242.9 | 257.3 | 570.1 | 987.0 | 1195.5 | 1199.1 | 1206.3 | 1211.8 | 1181.7 |
| 102.5° | 154.1 | 208.0 | 261.8 | 275.3 | 592.4 | 1015.4 | 1226.8 | 1289.6 | 1415.3 | 1509.6 | 1483.8 |
| 105° | 199.4 | 245.0 | 290.5 | 301.9 | 609.1 | 1018.5 | 1223.3 | 1364.2 | 1645.9 | 1857.3 | 1843.4 |
| 107.5° | 245.7 | 288.3 | 330.7 | 341.4 | 612.1 | 973.2 | 1153.8 | 1350.3 | 1743.3 | 2038.1 | 2041.5 |
| 110° | 277.0 | 315.4 | 353.7 | 363.3 | 607.5 | 933.0 | 1095.8 | 1315.5 | 1754.9 | 2084.5 | 2098.9 |



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CANDELA DISTRIBUTION (continued):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| 112.5° | 307.7 | 344.3 | 380.8 | 390.0 | 607.7 | 898.0 | 1043.1 | 1268.0 | 1717.7 | 2055.0 | 2077.1 |
| 115° | 354.1 | 387.8 | 421.6 | 430.0 | 613.3 | 857.7 | 979.9 | 1196.5 | 1629.8 | 1954.7 | 1985.4 |
| 117.5° | 399.9 | 430.5 | 461.2 | 468.8 | 624.8 | 832.5 | 936.5 | 1131.9 | 1522.9 | 1816.1 | 1850.2 |
| 120° | 426.5 | 455.3 | 484.2 | 491.4 | 633.9 | 824.0 | 919.1 | 1097.7 | 1455.0 | 1722.9 | 1755.9 |
| 122.5° | 452.6 | 481.7 | 510.8 | 518.1 | 647.3 | 819.6 | 905.7 | 1066.6 | 1388.3 | 1629.6 | 1662.2 |
| 125° | 492.6 | 519.1 | 545.6 | 552.2 | 665.2 | 815.9 | 891.2 | 1027.9 | 1301.1 | 1506.1 | 1536.2 |
| 127.5° | 525.0 | 551.9 | 578.6 | 585.3 | 683.3 | 813.8 | 879.1 | 996.4 | 1231.0 | 1407.0 | 1432.3 |
| 130° | 542.4 | 571.2 | 600.1 | 607.3 | 696.4 | 815.2 | 874.5 | 978.9 | 1187.8 | 1344.5 | 1367.9 |
| 132.5° | 560.4 | 589.2 | 618.1 | 625.3 | 707.0 | 815.9 | 870.4 | 963.9 | 1150.9 | 1291.1 | 1312.1 |
| 135° | 587.0 | 613.3 | 639.6 | 646.2 | 718.6 | 815.2 | 863.5 | 941.8 | 1098.4 | 1215.8 | 1233.9 |
| 137.5° | 614.3 | 640.3 | 666.3 | 672.8 | 736.0 | 820.2 | 862.3 | 928.4 | 1060.9 | 1160.2 | 1174.9 |
| 140° | 636.9 | 660.8 | 684.8 | 690.7 | 746.5 | 821.0 | 858.2 | 915.5 | 1029.8 | 1115.6 | 1129.4 |
| 142.5° | 654.3 | 676.4 | 698.6 | 704.1 | 755.5 | 824.0 | 858.2 | 908.4 | 1008.9 | 1084.3 | 1096.1 |
| 145° | 680.9 | 700.3 | 719.5 | 724.4 | 767.1 | 824.0 | 852.5 | 893.6 | 975.7 | 1037.3 | 1046.3 |
| 147.5° | 707.6 | 726.4 | 745.2 | 749.9 | 784.1 | 829.6 | 852.5 | 884.8 | 949.4 | 997.9 | 1005.4 |
| 150° | 725.0 | 742.0 | 759.0 | 763.2 | 792.9 | 832.6 | 852.5 | 879.7 | 934.3 | 975.3 | 981.3 |
| 152.5° | 742.9 | 755.8 | 768.7 | 771.9 | 798.7 | 834.5 | 852.5 | 875.7 | 922.4 | 957.3 | 961.9 |
| 155° | 769.5 | 779.1 | 788.6 | 791.0 | 811.5 | 838.8 | 852.5 | 871.0 | 908.1 | 935.9 | 938.9 |
| 157.5° | 789.3 | 798.5 | 807.8 | 810.1 | 824.2 | 843.0 | 852.5 | 866.8 | 895.7 | 917.3 | 919.5 |
| 160° | 802.6 | 809.8 | 817.0 | 818.8 | 830.0 | 845.0 | 852.5 | 864.8 | 889.6 | 908.1 | 909.3 |
| 162.5° | 815.9 | 821.3 | 826.7 | 828.1 | 836.3 | 847.0 | 852.5 | 862.9 | 883.8 | 899.4 | 900.5 |
| 165° | 830.4 | 835.3 | 840.2 | 841.4 | 845.1 | 850.0 | 852.5 | 859.9 | 874.9 | 886.1 | 887.3 |
| 167.5° | 843.8 | 846.1 | 848.4 | 849.0 | 852.1 | 856.2 | 858.2 | 863.1 | 872.9 | 880.3 | 880.8 |
| 170° | 852.5 | 854.8 | 857.1 | 857.7 | 857.9 | 858.2 | 858.2 | 863.1 | 872.9 | 880.3 | 880.3 |
| 172.5° | 857.1 | 857.6 | 858.2 | 858.2 | 858.2 | 858.2 | 858.2 | 862.1 | 869.8 | 875.6 | 875.2 |
| 175° | 863.5 | 863.5 | 863.5 | 863.5 | 861.7 | 859.4 | 858.2 | 860.7 | 865.6 | 869.3 | 869.3 |
| 177.5° | 863.5 | 863.5 | 863.5 | 863.5 | 862.1 | 860.3 | 859.4 | 861.3 | 865.2 | 868.1 | 867.6 |
| 180° | 863.5 | 863.5 | 863.5 | 863.5 | 863.5 | 863.5 | 863.5 | 863.5 | 863.5 | 863.5 | 863.5 |



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CANDELA DISTRIBUTION (continued):

| | 80° | 90° |
|--------|--------|--------|
| 0° | 389.9 | 389.9 |
| 2.5° | 416.2 | 413.7 |
| 5° | 535.3 | 537.8 |
| 7.5° | 720.8 | 719.6 |
| 10° | 896.4 | 907.7 |
| 12.5° | 1024.3 | 1026.8 |
| 15° | 1102.0 | 1107.1 |
| 17.5° | 1132.1 | 1133.3 |
| 20° | 1133.3 | 1130.8 |
| 22.5° | 1119.6 | 1117.1 |
| 25° | 1103.2 | 1102.0 |
| 27.5° | 1088.2 | 1089.5 |
| 30° | 1081.9 | 1085.8 |
| 32.5° | 1081.9 | 1088.2 |
| 35° | 1084.4 | 1090.7 |
| 37.5° | 1083.2 | 1090.7 |
| 40° | 1078.2 | 1087.0 |
| 42.5° | 1064.4 | 1070.7 |
| 45° | 1043.1 | 1050.6 |
| 47.5° | 1015.5 | 1020.5 |
| 50° | 980.4 | 985.5 |
| 52.5° | 936.5 | 937.8 |
| 55° | 883.9 | 888.9 |
| 57.5° | 827.5 | 828.7 |
| 60° | 764.8 | 768.5 |
| 62.5° | 698.3 | 698.3 |
| 65° | 628.1 | 630.6 |
| 67.5° | 555.4 | 561.7 |
| 70° | 481.5 | 482.7 |
| 72.5° | 408.7 | 408.7 |
| 75° | 333.5 | 334.7 |
| 77.5° | 262.0 | 262.0 |
| 80° | 194.3 | 195.5 |
| 82.5° | 134.1 | 136.7 |
| 85° | 84.0 | 84.0 |
| 87.5° | 38.9 | 35.1 |
| 90° | 22.1 | 22.1 |
| 92.5° | 88.2 | 70.7 |
| 95° | 307.5 | 254.4 |
| 97.5° | 736.6 | 635.7 |
| 100° | 1061.5 | 941.2 |
| 102.5° | 1380.8 | 1277.8 |
| 105° | 1788.0 | 1732.7 |
| 107.5° | 2054.9 | 2068.2 |
| 110° | 2156.6 | 2214.3 |



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CATALOG NUMBER: SQ4-FB-075U-050D-92765-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

| | 80° | 90° |
|--------|--------|--------|
| 112.5° | 2165.6 | 2254.2 |
| 115° | 2108.2 | 2231.0 |
| 117.5° | 1986.4 | 2122.7 |
| 120° | 1888.4 | 2020.7 |
| 122.5° | 1792.8 | 1923.3 |
| 125° | 1656.5 | 1776.8 |
| 127.5° | 1533.9 | 1635.4 |
| 130° | 1461.6 | 1555.4 |
| 132.5° | 1396.1 | 1480.0 |
| 135° | 1306.3 | 1378.6 |
| 137.5° | 1234.2 | 1293.4 |
| 140° | 1184.8 | 1240.2 |
| 142.5° | 1143.8 | 1191.5 |
| 145° | 1082.4 | 1118.5 |
| 147.5° | 1035.2 | 1065.1 |
| 150° | 1005.6 | 1029.8 |
| 152.5° | 980.1 | 998.5 |
| 155° | 951.1 | 963.1 |
| 157.5° | 928.0 | 936.5 |
| 160° | 914.2 | 919.1 |
| 162.5° | 905.2 | 909.8 |
| 165° | 892.2 | 897.0 |
| 167.5° | 882.8 | 884.9 |
| 170° | 880.3 | 880.3 |
| 172.5° | 873.4 | 871.6 |
| 175° | 869.3 | 869.3 |
| 177.5° | 865.5 | 863.5 |
| 180° | 863.5 | 863.5 |



TEST NUMBER: P937047

CATALOG NUMBER: SQ4-FB-075U-050D-92765-1D-UNV-STD-W-8-5000K

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 | 1.51 | 2.28 | 2.58 | 3.35 | 4.82 | 14.69 | 15.46 | 15.76 | 16.53 | 18.00 |
| | 3H | 2.21 | 2.90 | 3.29 | 3.98 | 5.47 | 16.53 | 17.21 | 17.60 | 18.30 | 19.78 |
| | 4H | 2.50 | 3.16 | 3.59 | 4.24 | 5.73 | 17.17 | 17.82 | 18.26 | 18.90 | 20.39 |
| | 6H | 2.75 | 3.35 | 3.85 | 4.44 | 5.94 | 17.59 | 18.19 | 18.69 | 19.28 | 20.78 |
| | 8H | 2.81 | 3.39 | 3.92 | 4.49 | 5.99 | 17.71 | 18.28 | 18.81 | 19.39 | 20.88 |
| | 12H | 2.83 | 3.37 | 3.94 | 4.47 | 5.99 | 17.77 | 18.32 | 18.88 | 19.42 | 20.94 |
| 4H | 2H | 8.72 | 9.37 | 9.81 | 10.46 | 11.95 | 14.96 | 15.61 | 16.05 | 16.69 | 18.18 |
| | 3H | 10.28 | 10.82 | 11.38 | 11.93 | 13.44 | 16.99 | 17.54 | 18.10 | 18.65 | 20.15 |
| | 4H | 10.37 | 10.87 | 11.47 | 11.97 | 13.49 | 17.75 | 18.26 | 18.86 | 19.36 | 20.88 |
| | 6H | 10.37 | 10.80 | 11.49 | 11.93 | 13.44 | 18.29 | 18.72 | 19.40 | 19.84 | 21.36 |
| | 8H | 10.35 | 10.75 | 11.46 | 11.87 | 13.40 | 18.45 | 18.85 | 19.56 | 19.97 | 21.50 |
| | 12H | 10.30 | 10.66 | 11.43 | 11.79 | 13.33 | 18.54 | 18.90 | 19.67 | 20.03 | 21.57 |
| 8H | 4H | 11.80 | 12.21 | 12.92 | 13.32 | 14.86 | 17.81 | 18.21 | 18.92 | 19.33 | 20.86 |
| | 6H | 12.04 | 12.37 | 13.18 | 13.53 | 15.06 | 18.43 | 18.76 | 19.57 | 19.92 | 21.45 |
| | 8H | 12.06 | 12.35 | 13.20 | 13.49 | 15.04 | 18.65 | 18.94 | 19.79 | 20.08 | 21.63 |
| | 12H | 12.02 | 12.28 | 13.17 | 13.41 | 15.00 | 18.79 | 19.05 | 19.94 | 20.18 | 21.77 |
| 12H | 4H | 11.94 | 12.31 | 13.08 | 13.44 | 14.98 | 17.75 | 18.12 | 18.89 | 19.25 | 20.79 |
| | 6H | 12.30 | 12.59 | 13.44 | 13.73 | 15.28 | 18.41 | 18.71 | 19.56 | 19.84 | 21.40 |
| | 8H | 12.36 | 12.62 | 13.51 | 13.76 | 15.34 | 18.64 | 18.89 | 19.79 | 20.03 | 21.62 |