

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: P1435890

Luminaire Tested: SQ2W-FB-0U-075D-L835-UNV-STD-W-WM-4

Issue Date: 3/24/2026

Test Information

Test Method: LM-79-2019
Report Number: P1435890
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2308-131-12)
Test Lab: INNOVATION CENTER
Issue Date: 3/24/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ2W-FB-0U-075D-L835-UNV-STD-W-WM-4
Description: CORELITE SQ2W WALL MOUNTED LED LUMINAIRE
DOWNLIGHT - FROSTED CONTINUOUS BATWING ROLL LENS
UPLIGHT - ASYMMETRIC ROLL LENS
DOWNLIGHT 750 LUMENS PER FOOT
UPLIGHT N/A - DIRECT ONLY
Light Source: 3500K CCT, 80 CRI LEDS
Ballast/Driver: -

Summary

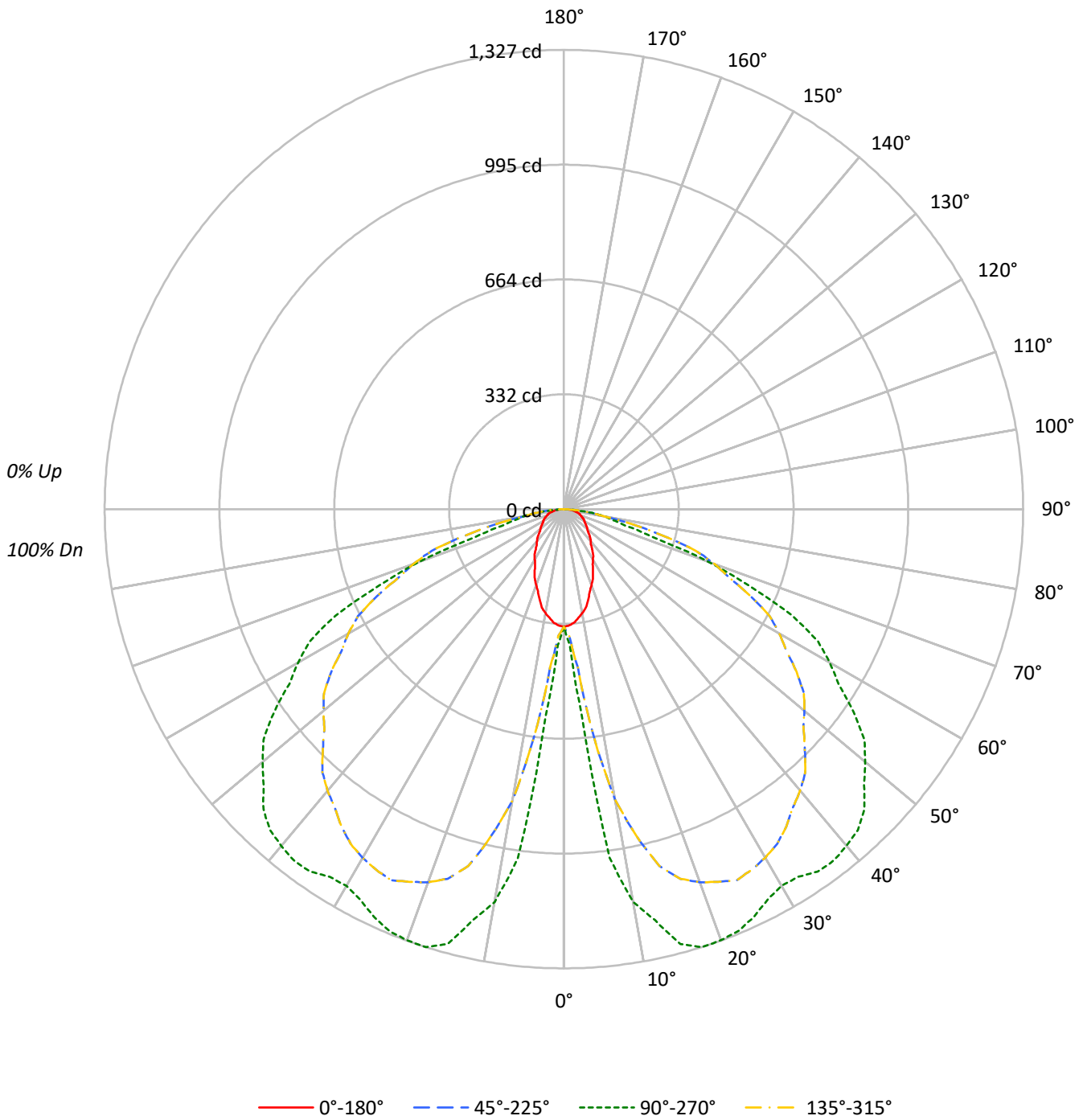
Lumens per Lamp: N/A
Luminaire Lumens: 3353.7 lumens
Efficiency: N/A
Efficacy: 125.6 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 2.98 / 2.52
Luminous Opening: Rectangular (W 0.17' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 26.7
Input Voltage (V): 120
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: P1435890

CATALOG NUMBER: SQ2W-FB-0U-075D-L835-UNV-STD-W-WM-4

Luminous Intensity Polar Plot





TEST NUMBER: P1435890

CATALOG NUMBER: SQ2W-FB-0U-075D-L835-UNV-STD-W-WM-4

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 | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 | | | | 100 |
| 1 | 109 | 104 | 100 | 96 | 106 | 102 | 98 | 94 | 97 | 94 | 91 | 93 | 91 | 88 | 90 | 88 | 86 | 84 | | | | 84 |
| 2 | 98 | 90 | 83 | 77 | 96 | 88 | 82 | 76 | 84 | 79 | 74 | 81 | 77 | 73 | 78 | 74 | 71 | 69 | | | | 69 |
| 3 | 89 | 78 | 70 | 63 | 87 | 77 | 69 | 63 | 74 | 67 | 61 | 71 | 65 | 60 | 68 | 63 | 59 | 57 | | | | 57 |
| 4 | 81 | 69 | 60 | 53 | 79 | 67 | 59 | 52 | 65 | 58 | 52 | 63 | 56 | 51 | 60 | 55 | 50 | 48 | | | | 48 |
| 5 | 74 | 61 | 52 | 45 | 72 | 60 | 51 | 45 | 58 | 50 | 44 | 56 | 49 | 44 | 54 | 48 | 43 | 41 | | | | 41 |
| 6 | 68 | 54 | 45 | 39 | 66 | 53 | 45 | 38 | 52 | 44 | 38 | 50 | 43 | 38 | 48 | 42 | 37 | 35 | | | | 35 |
| 7 | 63 | 49 | 40 | 34 | 61 | 48 | 40 | 33 | 47 | 39 | 33 | 45 | 38 | 33 | 44 | 37 | 33 | 31 | | | | 31 |
| 8 | 58 | 44 | 36 | 30 | 57 | 44 | 35 | 29 | 42 | 35 | 29 | 41 | 34 | 29 | 40 | 34 | 29 | 27 | | | | 27 |
| 9 | 54 | 40 | 32 | 26 | 53 | 40 | 32 | 26 | 39 | 31 | 26 | 38 | 31 | 26 | 37 | 30 | 26 | 24 | | | | 24 |
| 10 | 51 | 37 | 29 | 23 | 49 | 37 | 29 | 23 | 36 | 28 | 23 | 35 | 28 | 23 | 34 | 28 | 23 | 21 | | | | 21 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|------|-------|------|-------|
| 0° | 5483 | 5483 | 5483 | 5483 |
| 5° | 5345 | 9710 | 5345 | 9710 |
| 10° | 5005 | 18896 | 5005 | 18896 |
| 15° | 4530 | 21748 | 4530 | 21748 |
| 20° | 4010 | 22776 | 4010 | 22776 |
| 25° | 3549 | 23150 | 3549 | 23150 |
| 30° | 3134 | 23435 | 3134 | 23435 |
| 35° | 2799 | 25195 | 2799 | 25195 |
| 40° | 2546 | 26769 | 2546 | 26769 |
| 45° | 2347 | 28032 | 2347 | 28032 |
| 50° | 2215 | 28539 | 2215 | 28539 |
| 55° | 2159 | 28768 | 2159 | 28768 |
| 60° | 2215 | 28626 | 2215 | 28626 |
| 65° | 2307 | 27816 | 2307 | 27816 |
| 70° | 2389 | 21040 | 2389 | 21040 |
| 75° | 2645 | 11609 | 2645 | 11609 |
| 80° | 2734 | 10776 | 2734 | 10776 |
| 85° | 2723 | 4539 | 2723 | 4539 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
 Vertical Angle: 52.5°
 Luminance: 29026 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 56.9 | 1.7 |
| 10°-20° | 259.6 | 7.7 |
| 20°-30° | 456.8 | 13.6 |
| 30°-40° | 591.3 | 17.6 |
| 40°-50° | 652.1 | 19.4 |
| 50°-60° | 608.6 | 18.1 |
| 60°-70° | 470.2 | 14.0 |
| 70°-80° | 216.8 | 6.5 |
| 80°-90° | 41.4 | 1.2 |
| 90°-100° | 0.0 | 0.0 |
| 100°-110° | 0.0 | 0.0 |
| 110°-120° | 0.0 | 0.0 |
| 120°-130° | 0.0 | 0.0 |
| 130°-140° | 0.0 | 0.0 |
| 140°-150° | 0.0 | 0.0 |
| 150°-160° | 0.0 | 0.0 |
| 160°-170° | 0.0 | 0.0 |
| 170°-180° | 0.0 | 0.0 |
| 0°-30° | 773.3 | 23.1 |
| 0°-40° | 1364.6 | 40.7 |
| 0°-60° | 2625.3 | 78.3 |
| 0°-90° | 3353.7 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 3353.7 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|-----|-----|------|------|------|------|------|
| 0° | 340 | 340 | 340 | 340 | 340 | |
| 5° | 330 | 599 | 330 | 599 | 330 | 31 |
| 15° | 271 | 1301 | 271 | 1301 | 271 | 76 |
| 25° | 199 | 1300 | 199 | 1300 | 199 | 91 |
| 35° | 142 | 1278 | 142 | 1278 | 142 | 89 |
| 45° | 103 | 1228 | 103 | 1228 | 103 | 80 |
| 55° | 77 | 1022 | 77 | 1022 | 77 | 69 |
| 65° | 60 | 728 | 60 | 728 | 60 | 59 |
| 75° | 42 | 186 | 42 | 186 | 42 | 44 |
| 85° | 15 | 24 | 15 | 24 | 15 | 16 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P1435890

CATALOG NUMBER: SQ2W-FB-0U-075D-L835-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 30° | 40° | 50° | 60° | 70° | 80° | 90° | 100° |
|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 339.6 | 339.6 | 339.6 | 339.6 | 339.6 | 339.6 | 339.6 | 339.6 | 339.6 | 339.6 | 339.6 |
| 2.5° | 337.0 | 343.3 | 349.7 | 356.5 | 363.5 | 371.1 | 379.2 | 386.1 | 389.6 | 393.1 | 389.6 |
| 5° | 329.8 | 351.5 | 373.3 | 404.9 | 439.7 | 479.2 | 523.5 | 561.4 | 580.3 | 599.1 | 580.3 |
| 7.5° | 317.0 | 361.3 | 405.6 | 499.3 | 609.6 | 724.1 | 842.8 | 941.3 | 979.0 | 1016.7 | 979.0 |
| 10° | 305.3 | 367.0 | 428.6 | 587.7 | 779.3 | 926.5 | 1029.6 | 1111.9 | 1132.2 | 1152.6 | 1132.2 |
| 12.5° | 292.2 | 375.9 | 459.7 | 656.1 | 890.0 | 1043.1 | 1115.3 | 1174.8 | 1195.7 | 1216.5 | 1195.7 |
| 15° | 271.0 | 390.7 | 510.4 | 732.5 | 988.6 | 1146.0 | 1204.8 | 1254.7 | 1277.9 | 1301.1 | 1277.9 |
| 17.5° | 249.1 | 408.5 | 567.8 | 794.3 | 1043.1 | 1196.7 | 1254.9 | 1301.7 | 1314.3 | 1326.9 | 1314.3 |
| 20° | 233.4 | 420.6 | 607.8 | 834.8 | 1074.9 | 1220.0 | 1270.1 | 1309.6 | 1317.6 | 1325.6 | 1317.6 |
| 22.5° | 219.1 | 428.3 | 637.6 | 864.8 | 1098.0 | 1233.5 | 1271.4 | 1301.9 | 1310.5 | 1319.1 | 1310.5 |
| 25° | 199.2 | 435.0 | 670.8 | 897.3 | 1120.8 | 1244.5 | 1268.5 | 1287.9 | 1293.7 | 1299.5 | 1293.7 |
| 27.5° | 179.9 | 429.1 | 678.2 | 901.9 | 1117.1 | 1232.5 | 1248.2 | 1261.4 | 1267.0 | 1272.7 | 1267.0 |
| 30° | 168.1 | 421.4 | 674.6 | 896.3 | 1107.4 | 1218.8 | 1230.4 | 1241.1 | 1249.1 | 1257.0 | 1249.1 |
| 32.5° | 157.7 | 412.1 | 666.5 | 885.4 | 1092.4 | 1201.5 | 1212.5 | 1225.1 | 1242.4 | 1259.6 | 1242.4 |
| 35° | 142.0 | 392.3 | 642.7 | 859.2 | 1064.6 | 1176.0 | 1193.4 | 1214.4 | 1246.3 | 1278.3 | 1246.3 |
| 37.5° | 128.6 | 367.1 | 605.5 | 819.8 | 1026.2 | 1147.6 | 1184.0 | 1219.0 | 1249.8 | 1280.5 | 1249.8 |
| 40° | 120.8 | 349.4 | 577.9 | 790.7 | 998.2 | 1126.3 | 1174.9 | 1217.9 | 1244.0 | 1270.1 | 1244.0 |
| 42.5° | 113.0 | 329.3 | 545.7 | 756.7 | 966.0 | 1099.0 | 1155.7 | 1204.8 | 1230.9 | 1257.0 | 1230.9 |
| 45° | 102.8 | 297.3 | 491.7 | 700.9 | 914.9 | 1055.3 | 1122.1 | 1178.3 | 1203.0 | 1227.7 | 1203.0 |
| 47.5° | 93.4 | 262.3 | 431.2 | 641.3 | 865.0 | 1012.3 | 1083.1 | 1140.7 | 1158.7 | 1176.7 | 1158.7 |
| 50° | 88.2 | 239.1 | 390.0 | 600.8 | 831.5 | 981.7 | 1051.3 | 1107.2 | 1121.7 | 1136.2 | 1121.7 |
| 52.5° | 82.9 | 216.4 | 349.9 | 561.1 | 798.3 | 949.6 | 1015.2 | 1067.7 | 1081.1 | 1094.4 | 1081.1 |
| 55° | 76.7 | 185.6 | 294.4 | 503.4 | 745.7 | 895.5 | 952.8 | 998.7 | 1010.3 | 1022.0 | 1010.3 |
| 57.5° | 71.2 | 159.0 | 246.8 | 449.2 | 689.8 | 834.5 | 883.4 | 922.4 | 931.9 | 941.3 | 931.9 |
| 60° | 68.6 | 144.7 | 220.9 | 415.2 | 648.8 | 787.8 | 832.0 | 867.6 | 877.0 | 886.5 | 877.0 |
| 62.5° | 64.6 | 131.0 | 197.3 | 381.2 | 604.4 | 736.4 | 777.2 | 810.0 | 818.8 | 827.7 | 818.8 |
| 65° | 60.4 | 114.1 | 167.8 | 333.6 | 536.7 | 655.4 | 689.5 | 716.5 | 722.3 | 728.1 | 722.3 |
| 67.5° | 54.5 | 100.1 | 145.7 | 289.9 | 467.1 | 566.3 | 587.5 | 600.7 | 589.8 | 578.9 | 589.8 |
| 70° | 50.6 | 92.7 | 134.8 | 263.4 | 420.8 | 503.2 | 510.4 | 508.1 | 476.9 | 445.7 | 476.9 |
| 72.5° | 48.0 | 85.4 | 122.9 | 234.2 | 370.2 | 430.2 | 414.2 | 387.5 | 328.4 | 269.4 | 328.4 |
| 75° | 42.4 | 72.9 | 103.4 | 187.2 | 288.8 | 304.7 | 235.1 | 183.2 | 184.7 | 186.1 | 184.7 |
| 77.5° | 34.6 | 57.4 | 80.2 | 131.7 | 192.8 | 204.9 | 168.0 | 140.7 | 142.0 | 143.3 | 142.0 |
| 80° | 29.4 | 47.5 | 65.7 | 86.0 | 107.0 | 116.8 | 115.4 | 114.5 | 115.2 | 115.9 | 115.2 |
| 82.5° | 24.2 | 37.7 | 51.2 | 63.3 | 75.1 | 81.7 | 83.1 | 84.0 | 83.0 | 82.0 | 83.0 |
| 85° | 14.7 | 22.7 | 30.7 | 35.4 | 39.0 | 37.9 | 32.1 | 27.4 | 25.9 | 24.5 | 25.9 |
| 87.5° | 5.2 | 8.1 | 11.0 | 10.0 | 7.7 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P1435890

CATALOG NUMBER: SQ2W-FB-0U-075D-L835-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 110° | 120° | 130° | 140° | 150° | 160° | 170° | 180° | 190° | 200° | 210° |
|-------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 339.6 | 339.6 | 339.6 | 339.6 | 339.6 | 339.6 | 339.6 | 339.6 | 339.6 | 339.6 | 339.6 |
| 2.5° | 386.1 | 379.2 | 371.1 | 363.5 | 356.5 | 349.7 | 343.3 | 337.0 | 343.3 | 349.7 | 356.5 |
| 5° | 561.4 | 523.5 | 479.2 | 439.7 | 404.9 | 373.3 | 351.5 | 329.8 | 351.5 | 373.3 | 404.9 |
| 7.5° | 941.3 | 842.8 | 724.1 | 609.6 | 499.3 | 405.6 | 361.3 | 317.0 | 361.3 | 405.6 | 499.3 |
| 10° | 1111.9 | 1029.6 | 926.5 | 779.3 | 587.7 | 428.6 | 367.0 | 305.3 | 367.0 | 428.6 | 587.7 |
| 12.5° | 1174.8 | 1115.3 | 1043.1 | 890.0 | 656.1 | 459.7 | 375.9 | 292.2 | 375.9 | 459.7 | 656.1 |
| 15° | 1254.7 | 1204.8 | 1146.0 | 988.6 | 732.5 | 510.4 | 390.7 | 271.0 | 390.7 | 510.4 | 732.5 |
| 17.5° | 1301.7 | 1254.9 | 1196.7 | 1043.1 | 794.3 | 567.8 | 408.5 | 249.1 | 408.5 | 567.8 | 794.3 |
| 20° | 1309.6 | 1270.1 | 1220.0 | 1074.9 | 834.8 | 607.8 | 420.6 | 233.4 | 420.6 | 607.8 | 834.8 |
| 22.5° | 1301.9 | 1271.4 | 1233.5 | 1098.0 | 864.8 | 637.6 | 428.3 | 219.1 | 428.3 | 637.6 | 864.8 |
| 25° | 1287.9 | 1268.5 | 1244.5 | 1120.8 | 897.3 | 670.8 | 435.0 | 199.2 | 435.0 | 670.8 | 897.3 |
| 27.5° | 1261.4 | 1248.2 | 1232.5 | 1117.1 | 901.9 | 678.2 | 429.1 | 179.9 | 429.1 | 678.2 | 901.9 |
| 30° | 1241.1 | 1230.4 | 1218.8 | 1107.4 | 896.3 | 674.6 | 421.4 | 168.1 | 421.4 | 674.6 | 896.3 |
| 32.5° | 1225.1 | 1212.5 | 1201.5 | 1092.4 | 885.4 | 666.5 | 412.1 | 157.7 | 412.1 | 666.5 | 885.4 |
| 35° | 1214.4 | 1193.4 | 1176.0 | 1064.6 | 859.2 | 642.7 | 392.3 | 142.0 | 392.3 | 642.7 | 859.2 |
| 37.5° | 1219.0 | 1184.0 | 1147.6 | 1026.2 | 819.8 | 605.5 | 367.1 | 128.6 | 367.1 | 605.5 | 819.8 |
| 40° | 1217.9 | 1174.9 | 1126.3 | 998.2 | 790.7 | 577.9 | 349.4 | 120.8 | 349.4 | 577.9 | 790.7 |
| 42.5° | 1204.8 | 1155.7 | 1099.0 | 966.0 | 756.7 | 545.7 | 329.3 | 113.0 | 329.3 | 545.7 | 756.7 |
| 45° | 1178.3 | 1122.1 | 1055.3 | 914.9 | 700.9 | 491.7 | 297.3 | 102.8 | 297.3 | 491.7 | 700.9 |
| 47.5° | 1140.7 | 1083.1 | 1012.3 | 865.0 | 641.3 | 431.2 | 262.3 | 93.4 | 262.3 | 431.2 | 641.3 |
| 50° | 1107.2 | 1051.3 | 981.7 | 831.5 | 600.8 | 390.0 | 239.1 | 88.2 | 239.1 | 390.0 | 600.8 |
| 52.5° | 1067.7 | 1015.2 | 949.6 | 798.3 | 561.1 | 349.9 | 216.4 | 82.9 | 216.4 | 349.9 | 561.1 |
| 55° | 998.7 | 952.8 | 895.5 | 745.7 | 503.4 | 294.4 | 185.6 | 76.7 | 185.6 | 294.4 | 503.4 |
| 57.5° | 922.4 | 883.4 | 834.5 | 689.8 | 449.2 | 246.8 | 159.0 | 71.2 | 159.0 | 246.8 | 449.2 |
| 60° | 867.6 | 832.0 | 787.8 | 648.8 | 415.2 | 220.9 | 144.7 | 68.6 | 144.7 | 220.9 | 415.2 |
| 62.5° | 810.0 | 777.2 | 736.4 | 604.4 | 381.2 | 197.3 | 131.0 | 64.6 | 131.0 | 197.3 | 381.2 |
| 65° | 716.5 | 689.5 | 655.4 | 536.7 | 333.6 | 167.8 | 114.1 | 60.4 | 114.1 | 167.8 | 333.6 |
| 67.5° | 600.7 | 587.5 | 566.3 | 467.1 | 289.9 | 145.7 | 100.1 | 54.5 | 100.1 | 145.7 | 289.9 |
| 70° | 508.1 | 510.4 | 503.2 | 420.8 | 263.4 | 134.8 | 92.7 | 50.6 | 92.7 | 134.8 | 263.4 |
| 72.5° | 387.5 | 414.2 | 430.2 | 370.2 | 234.2 | 122.9 | 85.4 | 48.0 | 85.4 | 122.9 | 234.2 |
| 75° | 183.2 | 235.1 | 304.7 | 288.8 | 187.2 | 103.4 | 72.9 | 42.4 | 72.9 | 103.4 | 187.2 |
| 77.5° | 140.7 | 168.0 | 204.9 | 192.8 | 131.7 | 80.2 | 57.4 | 34.6 | 57.4 | 80.2 | 131.7 |
| 80° | 114.5 | 115.4 | 116.8 | 107.0 | 86.0 | 65.7 | 47.5 | 29.4 | 47.5 | 65.7 | 86.0 |
| 82.5° | 84.0 | 83.1 | 81.7 | 75.1 | 63.3 | 51.2 | 37.7 | 24.2 | 37.7 | 51.2 | 63.3 |
| 85° | 27.4 | 32.1 | 37.9 | 39.0 | 35.4 | 30.7 | 22.7 | 14.7 | 22.7 | 30.7 | 35.4 |
| 87.5° | 6.5 | 6.5 | 6.5 | 7.7 | 10.0 | 11.0 | 8.1 | 5.2 | 8.1 | 11.0 | 10.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



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CANDELA DISTRIBUTION (continued):

| | 220° | 230° | 240° | 250° | 260° | 270° | 280° | 290° | 300° | 310° | 320° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 339.6 | 339.6 | 339.6 | 339.6 | 339.6 | 339.6 | 339.6 | 339.6 | 339.6 | 339.6 | 339.6 |
| 2.5° | 363.5 | 371.1 | 379.2 | 386.1 | 389.6 | 393.1 | 389.6 | 386.1 | 379.2 | 371.1 | 363.5 |
| 5° | 439.7 | 479.2 | 523.5 | 561.4 | 580.3 | 599.1 | 580.3 | 561.4 | 523.5 | 479.2 | 439.7 |
| 7.5° | 609.6 | 724.1 | 842.8 | 941.3 | 979.0 | 1016.7 | 979.0 | 941.3 | 842.8 | 724.1 | 609.6 |
| 10° | 779.3 | 926.5 | 1029.6 | 1111.9 | 1132.2 | 1152.6 | 1132.2 | 1111.9 | 1029.6 | 926.5 | 779.3 |
| 12.5° | 890.0 | 1043.1 | 1115.3 | 1174.8 | 1195.7 | 1216.5 | 1195.7 | 1174.8 | 1115.3 | 1043.1 | 890.0 |
| 15° | 988.6 | 1146.0 | 1204.8 | 1254.7 | 1277.9 | 1301.1 | 1277.9 | 1254.7 | 1204.8 | 1146.0 | 988.6 |
| 17.5° | 1043.1 | 1196.7 | 1254.9 | 1301.7 | 1314.3 | 1326.9 | 1314.3 | 1301.7 | 1254.9 | 1196.7 | 1043.1 |
| 20° | 1074.9 | 1220.0 | 1270.1 | 1309.6 | 1317.6 | 1325.6 | 1317.6 | 1309.6 | 1270.1 | 1220.0 | 1074.9 |
| 22.5° | 1098.0 | 1233.5 | 1271.4 | 1301.9 | 1310.5 | 1319.1 | 1310.5 | 1301.9 | 1271.4 | 1233.5 | 1098.0 |
| 25° | 1120.8 | 1244.5 | 1268.5 | 1287.9 | 1293.7 | 1299.5 | 1293.7 | 1287.9 | 1268.5 | 1244.5 | 1120.8 |
| 27.5° | 1117.1 | 1232.5 | 1248.2 | 1261.4 | 1267.0 | 1272.7 | 1267.0 | 1261.4 | 1248.2 | 1232.5 | 1117.1 |
| 30° | 1107.4 | 1218.8 | 1230.4 | 1241.1 | 1249.1 | 1257.0 | 1249.1 | 1241.1 | 1230.4 | 1218.8 | 1107.4 |
| 32.5° | 1092.4 | 1201.5 | 1212.5 | 1225.1 | 1242.4 | 1259.6 | 1242.4 | 1225.1 | 1212.5 | 1201.5 | 1092.4 |
| 35° | 1064.6 | 1176.0 | 1193.4 | 1214.4 | 1246.3 | 1278.3 | 1246.3 | 1214.4 | 1193.4 | 1176.0 | 1064.6 |
| 37.5° | 1026.2 | 1147.6 | 1184.0 | 1219.0 | 1249.8 | 1280.5 | 1249.8 | 1219.0 | 1184.0 | 1147.6 | 1026.2 |
| 40° | 998.2 | 1126.3 | 1174.9 | 1217.9 | 1244.0 | 1270.1 | 1244.0 | 1217.9 | 1174.9 | 1126.3 | 998.2 |
| 42.5° | 966.0 | 1099.0 | 1155.7 | 1204.8 | 1230.9 | 1257.0 | 1230.9 | 1204.8 | 1155.7 | 1099.0 | 966.0 |
| 45° | 914.9 | 1055.3 | 1122.1 | 1178.3 | 1203.0 | 1227.7 | 1203.0 | 1178.3 | 1122.1 | 1055.3 | 914.9 |
| 47.5° | 865.0 | 1012.3 | 1083.1 | 1140.7 | 1158.7 | 1176.7 | 1158.7 | 1140.7 | 1083.1 | 1012.3 | 865.0 |
| 50° | 831.5 | 981.7 | 1051.3 | 1107.2 | 1121.7 | 1136.2 | 1121.7 | 1107.2 | 1051.3 | 981.7 | 831.5 |
| 52.5° | 798.3 | 949.6 | 1015.2 | 1067.7 | 1081.1 | 1094.4 | 1081.1 | 1067.7 | 1015.2 | 949.6 | 798.3 |
| 55° | 745.7 | 895.5 | 952.8 | 998.7 | 1010.3 | 1022.0 | 1010.3 | 998.7 | 952.8 | 895.5 | 745.7 |
| 57.5° | 689.8 | 834.5 | 883.4 | 922.4 | 931.9 | 941.3 | 931.9 | 922.4 | 883.4 | 834.5 | 689.8 |
| 60° | 648.8 | 787.8 | 832.0 | 867.6 | 877.0 | 886.5 | 877.0 | 867.6 | 832.0 | 787.8 | 648.8 |
| 62.5° | 604.4 | 736.4 | 777.2 | 810.0 | 818.8 | 827.7 | 818.8 | 810.0 | 777.2 | 736.4 | 604.4 |
| 65° | 536.7 | 655.4 | 689.5 | 716.5 | 722.3 | 728.1 | 722.3 | 716.5 | 689.5 | 655.4 | 536.7 |
| 67.5° | 467.1 | 566.3 | 587.5 | 600.7 | 589.8 | 578.9 | 589.8 | 600.7 | 587.5 | 566.3 | 467.1 |
| 70° | 420.8 | 503.2 | 510.4 | 508.1 | 476.9 | 445.7 | 476.9 | 508.1 | 510.4 | 503.2 | 420.8 |
| 72.5° | 370.2 | 430.2 | 414.2 | 387.5 | 328.4 | 269.4 | 328.4 | 387.5 | 414.2 | 430.2 | 370.2 |
| 75° | 288.8 | 304.7 | 235.1 | 183.2 | 184.7 | 186.1 | 184.7 | 183.2 | 235.1 | 304.7 | 288.8 |
| 77.5° | 192.8 | 204.9 | 168.0 | 140.7 | 142.0 | 143.3 | 142.0 | 140.7 | 168.0 | 204.9 | 192.8 |
| 80° | 107.0 | 116.8 | 115.4 | 114.5 | 115.2 | 115.9 | 115.2 | 114.5 | 115.4 | 116.8 | 107.0 |
| 82.5° | 75.1 | 81.7 | 83.1 | 84.0 | 83.0 | 82.0 | 83.0 | 84.0 | 83.1 | 81.7 | 75.1 |
| 85° | 39.0 | 37.9 | 32.1 | 27.4 | 25.9 | 24.5 | 25.9 | 27.4 | 32.1 | 37.9 | 39.0 |
| 87.5° | 7.7 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 7.7 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P1435890

CATALOG NUMBER: SQ2W-FB-0U-075D-L835-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 330° | 340° | 350° | 360° |
|-------|-------|-------|-------|-------|
| 0° | 339.6 | 339.6 | 339.6 | 339.6 |
| 2.5° | 356.5 | 349.7 | 343.3 | 337.0 |
| 5° | 404.9 | 373.3 | 351.5 | 329.8 |
| 7.5° | 499.3 | 405.6 | 361.3 | 317.0 |
| 10° | 587.7 | 428.6 | 367.0 | 305.3 |
| 12.5° | 656.1 | 459.7 | 375.9 | 292.2 |
| 15° | 732.5 | 510.4 | 390.7 | 271.0 |
| 17.5° | 794.3 | 567.8 | 408.5 | 249.1 |
| 20° | 834.8 | 607.8 | 420.6 | 233.4 |
| 22.5° | 864.8 | 637.6 | 428.3 | 219.1 |
| 25° | 897.3 | 670.8 | 435.0 | 199.2 |
| 27.5° | 901.9 | 678.2 | 429.1 | 179.9 |
| 30° | 896.3 | 674.6 | 421.4 | 168.1 |
| 32.5° | 885.4 | 666.5 | 412.1 | 157.7 |
| 35° | 859.2 | 642.7 | 392.3 | 142.0 |
| 37.5° | 819.8 | 605.5 | 367.1 | 128.6 |
| 40° | 790.7 | 577.9 | 349.4 | 120.8 |
| 42.5° | 756.7 | 545.7 | 329.3 | 113.0 |
| 45° | 700.9 | 491.7 | 297.3 | 102.8 |
| 47.5° | 641.3 | 431.2 | 262.3 | 93.4 |
| 50° | 600.8 | 390.0 | 239.1 | 88.2 |
| 52.5° | 561.1 | 349.9 | 216.4 | 82.9 |
| 55° | 503.4 | 294.4 | 185.6 | 76.7 |
| 57.5° | 449.2 | 246.8 | 159.0 | 71.2 |
| 60° | 415.2 | 220.9 | 144.7 | 68.6 |
| 62.5° | 381.2 | 197.3 | 131.0 | 64.6 |
| 65° | 333.6 | 167.8 | 114.1 | 60.4 |
| 67.5° | 289.9 | 145.7 | 100.1 | 54.5 |
| 70° | 263.4 | 134.8 | 92.7 | 50.6 |
| 72.5° | 234.2 | 122.9 | 85.4 | 48.0 |
| 75° | 187.2 | 103.4 | 72.9 | 42.4 |
| 77.5° | 131.7 | 80.2 | 57.4 | 34.6 |
| 80° | 86.0 | 65.7 | 47.5 | 29.4 |
| 82.5° | 63.3 | 51.2 | 37.7 | 24.2 |
| 85° | 35.4 | 30.7 | 22.7 | 14.7 |
| 87.5° | 10.0 | 11.0 | 8.1 | 5.2 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P1435890
 CATALOG NUMBER: SQ2W-FB-0U-075D-L835-UNV-STD-W-WM-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 | 15.85 | 17.54 | 16.22 | 17.85 | 18.16 | 25.45 | 27.13 | 25.81 | 27.45 | 27.76 |
| | 3H | 16.85 | 18.37 | 17.22 | 18.70 | 19.06 | 27.11 | 28.64 | 27.49 | 28.96 | 29.32 |
| | 4H | 17.28 | 18.72 | 17.68 | 19.06 | 19.44 | 27.32 | 28.76 | 27.72 | 29.11 | 29.48 |
| | 6H | 17.58 | 18.91 | 17.99 | 19.27 | 19.66 | 27.44 | 28.77 | 27.85 | 29.14 | 29.53 |
| | 8H | 17.69 | 18.97 | 18.12 | 19.35 | 19.75 | 27.48 | 28.75 | 27.91 | 29.14 | 29.54 |
| | 12H | 17.77 | 18.99 | 18.20 | 19.37 | 19.80 | 27.49 | 28.71 | 27.92 | 29.09 | 29.52 |
| 4H | 2H | 20.67 | 22.10 | 21.06 | 22.45 | 22.82 | 25.91 | 27.34 | 26.30 | 27.69 | 28.06 |
| | 3H | 21.87 | 23.07 | 22.28 | 23.47 | 23.87 | 27.87 | 29.07 | 28.28 | 29.47 | 29.87 |
| | 4H | 22.19 | 23.27 | 22.62 | 23.68 | 24.12 | 28.13 | 29.21 | 28.56 | 29.63 | 30.06 |
| | 6H | 22.37 | 23.32 | 22.82 | 23.76 | 24.21 | 28.31 | 29.25 | 28.76 | 29.69 | 30.15 |
| | 8H | 22.43 | 23.32 | 22.89 | 23.76 | 24.22 | 28.37 | 29.26 | 28.83 | 29.70 | 30.16 |
| | 12H | 22.47 | 23.27 | 22.95 | 23.74 | 24.21 | 28.40 | 29.19 | 28.88 | 29.67 | 30.13 |
| 8H | 4H | 23.45 | 24.33 | 23.91 | 24.77 | 25.24 | 28.29 | 29.17 | 28.75 | 29.61 | 30.08 |
| | 6H | 23.75 | 24.48 | 24.24 | 24.97 | 25.44 | 28.52 | 29.26 | 29.02 | 29.74 | 30.22 |
| | 8H | 23.85 | 24.51 | 24.36 | 25.02 | 25.50 | 28.63 | 29.28 | 29.13 | 29.79 | 30.27 |
| | 12H | 23.94 | 24.51 | 24.44 | 25.00 | 25.56 | 28.67 | 29.25 | 29.18 | 29.74 | 30.30 |
| 12H | 4H | 23.51 | 24.31 | 23.99 | 24.78 | 25.25 | 28.28 | 29.08 | 28.76 | 29.55 | 30.02 |
| | 6H | 23.86 | 24.52 | 24.37 | 25.02 | 25.51 | 28.52 | 29.17 | 29.02 | 29.68 | 30.16 |
| | 8H | 24.04 | 24.62 | 24.55 | 25.11 | 25.67 | 28.66 | 29.24 | 29.16 | 29.73 | 30.28 |