

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



Scaled data based on original data using
LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: CORELITE

Report Number: P1427659

Luminaire Tested: SQ2W-F-0U-075D-L840-UNV-STD-W-WM-4

Issue Date: 3/10/2026

Test Information

Test Method: LM-79-2024
Report Number: P1427659
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2303-941-3, G2-2308-131-20)
Test Lab: INNOVATION CENTER
Issue Date: 3/10/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ2W-F-0U-075D-L840-UNV-STD-W-WM-4
Description: CORELITE SQ2W WALL MOUNTED LED LUMINAIRE
DOWNLIGHT - FROSTED CONTINUOUS ROLL LENS
UPLIGHT - ASYMMETRIC ROLL LENS
DOWNLIGHT 750 LUMENS PER FOOT
UPLIGHT N/A - DIRECT ONLY
Light Source: 4000K CCT, 80 CRI LEDS
Ballast/Driver: -

Summary

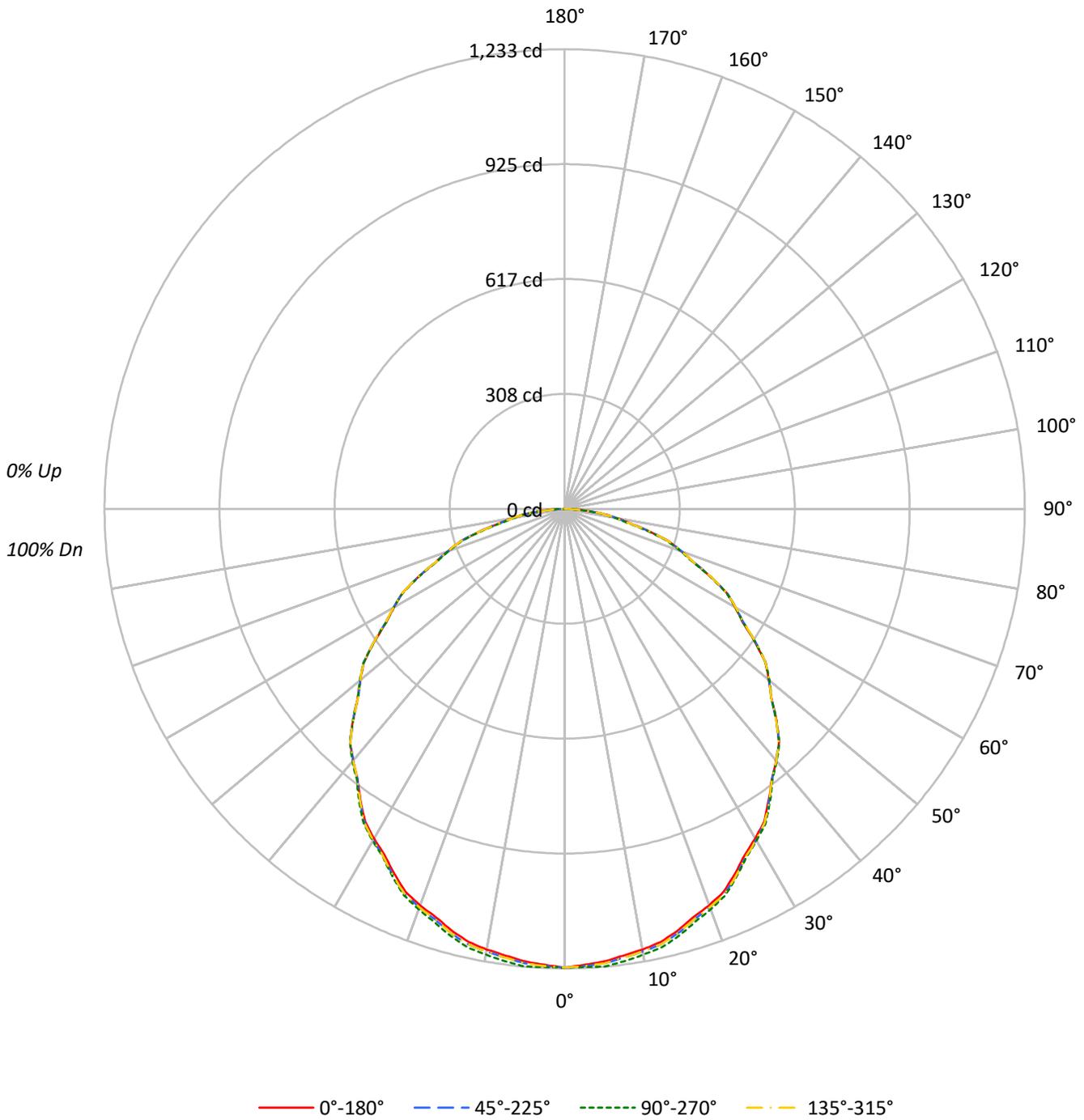
Lumens per Lamp: N/A
Luminaire Lumens: 3464.0 lumens
Efficiency: N/A
Efficacy: 129.7 lumens/watt
Spacing Criteria (0/90/45): 1.24 / 1.25 / 1.36
Luminous Opening: Rectangular (W 0.17' x L: 4' x H: 0')
CIE Type: Direct

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: P1427659

CATALOG NUMBER: SQ2W-F-0U-075D-L840-UNV-STD-W-WM-4

Luminous Intensity Polar Plot





TEST NUMBER: P1427659

CATALOG NUMBER: SQ2W-F-0U-075D-L840-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 | | | | |
| 1 | 109 | 104 | 100 | 96 | 106 | 102 | 98 | 94 | 97 | 94 | 91 | 93 | 91 | 88 | 90 | 88 | 86 | 84 | | | | |
| 2 | 99 | 90 | 84 | 78 | 96 | 89 | 82 | 77 | 85 | 80 | 75 | 82 | 77 | 73 | 79 | 75 | 72 | 70 | | | | |
| 3 | 90 | 79 | 71 | 65 | 87 | 78 | 70 | 64 | 75 | 68 | 63 | 72 | 66 | 62 | 69 | 65 | 61 | 58 | | | | |
| 4 | 82 | 70 | 61 | 55 | 80 | 69 | 61 | 54 | 66 | 59 | 54 | 64 | 58 | 53 | 62 | 57 | 52 | 50 | | | | |
| 5 | 76 | 63 | 54 | 47 | 74 | 62 | 53 | 47 | 60 | 52 | 46 | 58 | 51 | 46 | 56 | 50 | 45 | 43 | | | | |
| 6 | 70 | 56 | 47 | 41 | 68 | 56 | 47 | 41 | 54 | 46 | 40 | 52 | 45 | 40 | 50 | 44 | 40 | 38 | | | | |
| 7 | 65 | 51 | 42 | 36 | 63 | 50 | 42 | 36 | 49 | 41 | 36 | 47 | 41 | 36 | 46 | 40 | 35 | 33 | | | | |
| 8 | 60 | 47 | 38 | 32 | 59 | 46 | 38 | 32 | 45 | 37 | 32 | 43 | 37 | 32 | 42 | 36 | 32 | 30 | | | | |
| 9 | 56 | 43 | 35 | 29 | 55 | 42 | 34 | 29 | 41 | 34 | 29 | 40 | 33 | 29 | 39 | 33 | 29 | 27 | | | | |
| 10 | 53 | 40 | 32 | 26 | 52 | 39 | 31 | 26 | 38 | 31 | 26 | 37 | 31 | 26 | 36 | 30 | 26 | 24 | | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 19872 | 19872 | 19872 | 19872 |
| 5° | 19752 | 19977 | 19752 | 19977 |
| 10° | 19682 | 19910 | 19682 | 19910 |
| 15° | 19573 | 19821 | 19573 | 19821 |
| 20° | 19450 | 19644 | 19450 | 19644 |
| 25° | 19240 | 19409 | 19240 | 19409 |
| 30° | 19037 | 19165 | 19037 | 19165 |
| 35° | 18794 | 18912 | 18794 | 18912 |
| 40° | 18579 | 18634 | 18579 | 18634 |
| 45° | 18308 | 18308 | 18308 | 18308 |
| 50° | 17939 | 17984 | 17939 | 17984 |
| 55° | 17520 | 17542 | 17520 | 17542 |
| 60° | 17046 | 17046 | 17046 | 17046 |
| 65° | 16493 | 16424 | 16493 | 16424 |
| 70° | 15710 | 15550 | 15710 | 15550 |
| 75° | 14653 | 14329 | 14653 | 14329 |
| 80° | 13054 | 12413 | 13054 | 12413 |
| 85° | 10430 | 8836 | 10430 | 8836 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 18431 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 116.5 | 3.4 |
| 10°-20° | 332.8 | 9.6 |
| 20°-30° | 500.9 | 14.5 |
| 30°-40° | 599.0 | 17.3 |
| 40°-50° | 618.5 | 17.9 |
| 50°-60° | 557.9 | 16.1 |
| 60°-70° | 427.4 | 12.3 |
| 70°-80° | 247.0 | 7.1 |
| 80°-90° | 64.1 | 1.9 |
| 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° | 950.1 | 27.4 |
| 0°-40° | 1549.1 | 44.7 |
| 0°-60° | 2725.5 | 78.7 |
| 0°-90° | 3464.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 3464.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 1231 | 1231 | 1231 | 1231 | 1231 | |
| 5° | 1219 | 1233 | 1219 | 1233 | 1219 | 116 |
| 15° | 1171 | 1186 | 1171 | 1186 | 1171 | 330 |
| 25° | 1080 | 1090 | 1080 | 1090 | 1080 | 498 |
| 35° | 954 | 960 | 954 | 960 | 954 | 597 |
| 45° | 802 | 802 | 802 | 802 | 802 | 618 |
| 55° | 622 | 623 | 622 | 623 | 622 | 556 |
| 65° | 432 | 430 | 432 | 430 | 432 | 427 |
| 75° | 235 | 230 | 235 | 230 | 235 | 249 |
| 85° | 56 | 48 | 56 | 48 | 56 | 68 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P1427659

CATALOG NUMBER: SQ2W-F-OU-075D-L840-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 30° | 40° | 50° | 60° | 70° | 80° | 90° | 100° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1230.8 | 1230.8 | 1230.8 | 1230.8 | 1230.8 | 1230.8 | 1230.8 | 1230.8 | 1230.8 | 1230.8 | 1230.8 |
| 2.5° | 1224.6 | 1230.4 | 1236.3 | 1233.8 | 1228.6 | 1226.6 | 1227.8 | 1228.9 | 1229.5 | 1230.1 | 1229.5 |
| 5° | 1218.7 | 1226.4 | 1234.1 | 1231.4 | 1225.2 | 1222.6 | 1223.3 | 1224.9 | 1228.7 | 1232.6 | 1228.7 |
| 7.5° | 1208.8 | 1216.5 | 1224.2 | 1221.8 | 1215.9 | 1213.4 | 1214.4 | 1216.1 | 1220.1 | 1224.1 | 1220.1 |
| 10° | 1200.5 | 1208.2 | 1215.9 | 1213.2 | 1207.0 | 1204.7 | 1206.3 | 1208.2 | 1211.3 | 1214.4 | 1211.3 |
| 12.5° | 1190.1 | 1197.8 | 1205.5 | 1203.3 | 1197.7 | 1195.4 | 1196.3 | 1197.9 | 1201.3 | 1204.7 | 1201.3 |
| 15° | 1171.0 | 1178.7 | 1186.4 | 1184.3 | 1178.9 | 1176.8 | 1178.0 | 1179.6 | 1182.7 | 1185.8 | 1182.7 |
| 17.5° | 1148.0 | 1155.2 | 1162.5 | 1160.5 | 1155.5 | 1153.7 | 1155.0 | 1156.6 | 1159.3 | 1162.0 | 1159.3 |
| 20° | 1132.0 | 1139.0 | 1145.9 | 1143.9 | 1138.9 | 1136.5 | 1136.9 | 1137.9 | 1140.6 | 1143.3 | 1140.6 |
| 22.5° | 1112.6 | 1119.5 | 1126.5 | 1124.7 | 1120.0 | 1117.2 | 1116.4 | 1116.6 | 1119.9 | 1123.2 | 1119.9 |
| 25° | 1080.0 | 1086.9 | 1093.9 | 1092.4 | 1088.2 | 1085.5 | 1084.3 | 1084.2 | 1086.9 | 1089.5 | 1086.9 |
| 27.5° | 1046.0 | 1051.8 | 1057.6 | 1056.4 | 1052.8 | 1050.7 | 1049.9 | 1049.8 | 1051.7 | 1053.7 | 1051.7 |
| 30° | 1021.1 | 1026.9 | 1032.6 | 1031.2 | 1027.3 | 1025.0 | 1024.3 | 1024.2 | 1026.1 | 1028.0 | 1026.1 |
| 32.5° | 994.7 | 1000.2 | 1005.7 | 1003.7 | 999.2 | 996.9 | 996.7 | 997.2 | 999.4 | 1001.7 | 999.4 |
| 35° | 953.5 | 958.1 | 962.7 | 960.7 | 956.4 | 954.5 | 954.9 | 955.7 | 957.6 | 959.5 | 957.6 |
| 37.5° | 912.0 | 915.6 | 919.1 | 917.1 | 913.1 | 911.1 | 911.0 | 911.4 | 913.0 | 914.6 | 913.0 |
| 40° | 881.5 | 885.4 | 889.2 | 887.0 | 882.8 | 880.5 | 880.1 | 880.3 | 882.2 | 884.1 | 882.2 |
| 42.5° | 850.3 | 853.2 | 856.2 | 854.2 | 850.6 | 848.9 | 849.1 | 849.5 | 850.5 | 851.5 | 850.5 |
| 45° | 801.8 | 804.5 | 807.2 | 805.2 | 801.8 | 800.0 | 800.0 | 800.2 | 801.0 | 801.8 | 801.0 |
| 47.5° | 751.0 | 753.1 | 755.1 | 753.6 | 750.9 | 749.4 | 748.9 | 748.9 | 750.1 | 751.3 | 750.1 |
| 50° | 714.2 | 716.9 | 719.6 | 718.3 | 715.6 | 713.8 | 713.1 | 712.9 | 714.4 | 716.0 | 714.4 |
| 52.5° | 678.2 | 681.2 | 684.2 | 682.9 | 680.2 | 678.3 | 677.2 | 676.7 | 678.0 | 679.2 | 678.0 |
| 55° | 622.4 | 625.8 | 629.3 | 628.4 | 626.1 | 624.2 | 622.6 | 621.7 | 622.4 | 623.2 | 622.4 |
| 57.5° | 565.3 | 568.7 | 572.1 | 571.4 | 569.4 | 567.5 | 565.7 | 564.5 | 565.6 | 566.7 | 565.6 |
| 60° | 527.9 | 531.0 | 534.0 | 533.1 | 530.8 | 528.8 | 527.3 | 526.3 | 527.1 | 527.9 | 527.1 |
| 62.5° | 489.7 | 492.8 | 495.9 | 494.7 | 492.1 | 490.0 | 488.5 | 487.5 | 488.3 | 489.0 | 488.3 |
| 65° | 431.7 | 434.4 | 437.1 | 436.0 | 433.7 | 431.8 | 430.2 | 429.2 | 429.5 | 429.9 | 429.5 |
| 67.5° | 373.1 | 375.4 | 377.7 | 376.6 | 374.4 | 372.1 | 369.9 | 368.4 | 369.0 | 369.6 | 369.0 |
| 70° | 332.8 | 335.2 | 337.5 | 336.6 | 334.7 | 332.7 | 330.8 | 329.4 | 329.4 | 329.4 | 329.4 |
| 72.5° | 294.0 | 296.0 | 298.0 | 296.8 | 294.6 | 292.7 | 291.1 | 289.9 | 289.9 | 289.9 | 289.9 |
| 75° | 234.9 | 236.1 | 237.2 | 236.6 | 235.5 | 233.9 | 232.0 | 230.5 | 230.1 | 229.7 | 230.1 |
| 77.5° | 177.9 | 177.9 | 177.9 | 176.8 | 175.3 | 173.8 | 172.4 | 171.2 | 170.7 | 170.2 | 170.7 |
| 80° | 140.4 | 140.4 | 140.4 | 139.6 | 138.4 | 137.2 | 136.1 | 135.0 | 134.3 | 133.5 | 134.3 |
| 82.5° | 105.7 | 105.1 | 104.5 | 103.5 | 102.3 | 100.9 | 99.1 | 98.0 | 98.7 | 99.5 | 98.7 |
| 85° | 56.3 | 55.6 | 54.8 | 53.7 | 52.6 | 51.2 | 49.7 | 48.4 | 48.1 | 47.7 | 48.1 |
| 87.5° | 17.3 | 16.7 | 16.1 | 15.3 | 14.3 | 13.3 | 12.0 | 11.0 | 10.7 | 10.4 | 10.7 |
| 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: P1427659

CATALOG NUMBER: SQ2W-F-OU-075D-L840-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 110° | 120° | 130° | 140° | 150° | 160° | 170° | 180° | 190° | 200° | 210° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1230.8 | 1230.8 | 1230.8 | 1230.8 | 1230.8 | 1230.8 | 1230.8 | 1230.8 | 1230.8 | 1230.8 | 1230.8 |
| 2.5° | 1228.9 | 1227.8 | 1226.6 | 1228.6 | 1233.8 | 1236.3 | 1230.4 | 1224.6 | 1230.4 | 1236.3 | 1233.8 |
| 5° | 1224.9 | 1223.3 | 1222.6 | 1225.2 | 1231.4 | 1234.1 | 1226.4 | 1218.7 | 1226.4 | 1234.1 | 1231.4 |
| 7.5° | 1216.1 | 1214.4 | 1213.4 | 1215.9 | 1221.8 | 1224.2 | 1216.5 | 1208.8 | 1216.5 | 1224.2 | 1221.8 |
| 10° | 1208.2 | 1206.3 | 1204.7 | 1207.0 | 1213.2 | 1215.9 | 1208.2 | 1200.5 | 1208.2 | 1215.9 | 1213.2 |
| 12.5° | 1197.9 | 1196.3 | 1195.4 | 1197.7 | 1203.3 | 1205.5 | 1197.8 | 1190.1 | 1197.8 | 1205.5 | 1203.3 |
| 15° | 1179.6 | 1178.0 | 1176.8 | 1178.9 | 1184.3 | 1186.4 | 1178.7 | 1171.0 | 1178.7 | 1186.4 | 1184.3 |
| 17.5° | 1156.6 | 1155.0 | 1153.7 | 1155.5 | 1160.5 | 1162.5 | 1155.2 | 1148.0 | 1155.2 | 1162.5 | 1160.5 |
| 20° | 1137.9 | 1136.9 | 1136.5 | 1138.9 | 1143.9 | 1145.9 | 1139.0 | 1132.0 | 1139.0 | 1145.9 | 1143.9 |
| 22.5° | 1116.6 | 1116.4 | 1117.2 | 1120.0 | 1124.7 | 1126.5 | 1119.5 | 1112.6 | 1119.5 | 1126.5 | 1124.7 |
| 25° | 1084.2 | 1084.3 | 1085.5 | 1088.2 | 1092.4 | 1093.9 | 1086.9 | 1080.0 | 1086.9 | 1093.9 | 1092.4 |
| 27.5° | 1049.8 | 1049.9 | 1050.7 | 1052.8 | 1056.4 | 1057.6 | 1051.8 | 1046.0 | 1051.8 | 1057.6 | 1056.4 |
| 30° | 1024.2 | 1024.3 | 1025.0 | 1027.3 | 1031.2 | 1032.6 | 1026.9 | 1021.1 | 1026.9 | 1032.6 | 1031.2 |
| 32.5° | 997.2 | 996.7 | 996.9 | 999.2 | 1003.7 | 1005.7 | 1000.2 | 994.7 | 1000.2 | 1005.7 | 1003.7 |
| 35° | 955.7 | 954.9 | 954.5 | 956.4 | 960.7 | 962.7 | 958.1 | 953.5 | 958.1 | 962.7 | 960.7 |
| 37.5° | 911.4 | 911.0 | 911.1 | 913.1 | 917.1 | 919.1 | 915.6 | 912.0 | 915.6 | 919.1 | 917.1 |
| 40° | 880.3 | 880.1 | 880.5 | 882.8 | 887.0 | 889.2 | 885.4 | 881.5 | 885.4 | 889.2 | 887.0 |
| 42.5° | 849.5 | 849.1 | 848.9 | 850.6 | 854.2 | 856.2 | 853.2 | 850.3 | 853.2 | 856.2 | 854.2 |
| 45° | 800.2 | 800.0 | 800.0 | 801.8 | 805.2 | 807.2 | 804.5 | 801.8 | 804.5 | 807.2 | 805.2 |
| 47.5° | 748.9 | 748.9 | 749.4 | 750.9 | 753.6 | 755.1 | 753.1 | 751.0 | 753.1 | 755.1 | 753.6 |
| 50° | 712.9 | 713.1 | 713.8 | 715.6 | 718.3 | 719.6 | 716.9 | 714.2 | 716.9 | 719.6 | 718.3 |
| 52.5° | 676.7 | 677.2 | 678.3 | 680.2 | 682.9 | 684.2 | 681.2 | 678.2 | 681.2 | 684.2 | 682.9 |
| 55° | 621.7 | 622.6 | 624.2 | 626.1 | 628.4 | 629.3 | 625.8 | 622.4 | 625.8 | 629.3 | 628.4 |
| 57.5° | 564.5 | 565.7 | 567.5 | 569.4 | 571.4 | 572.1 | 568.7 | 565.3 | 568.7 | 572.1 | 571.4 |
| 60° | 526.3 | 527.3 | 528.8 | 530.8 | 533.1 | 534.0 | 531.0 | 527.9 | 531.0 | 534.0 | 533.1 |
| 62.5° | 487.5 | 488.5 | 490.0 | 492.1 | 494.7 | 495.9 | 492.8 | 489.7 | 492.8 | 495.9 | 494.7 |
| 65° | 429.2 | 430.2 | 431.8 | 433.7 | 436.0 | 437.1 | 434.4 | 431.7 | 434.4 | 437.1 | 436.0 |
| 67.5° | 368.4 | 369.9 | 372.1 | 374.4 | 376.6 | 377.7 | 375.4 | 373.1 | 375.4 | 377.7 | 376.6 |
| 70° | 329.4 | 330.8 | 332.7 | 334.7 | 336.6 | 337.5 | 335.2 | 332.8 | 335.2 | 337.5 | 336.6 |
| 72.5° | 289.9 | 291.1 | 292.7 | 294.6 | 296.8 | 298.0 | 296.0 | 294.0 | 296.0 | 298.0 | 296.8 |
| 75° | 230.5 | 232.0 | 233.9 | 235.5 | 236.6 | 237.2 | 236.1 | 234.9 | 236.1 | 237.2 | 236.6 |
| 77.5° | 171.2 | 172.4 | 173.8 | 175.3 | 176.8 | 177.9 | 177.9 | 177.9 | 177.9 | 177.9 | 176.8 |
| 80° | 135.0 | 136.1 | 137.2 | 138.4 | 139.6 | 140.4 | 140.4 | 140.4 | 140.4 | 140.4 | 139.6 |
| 82.5° | 98.0 | 99.1 | 100.9 | 102.3 | 103.5 | 104.5 | 105.1 | 105.7 | 105.1 | 104.5 | 103.5 |
| 85° | 48.4 | 49.7 | 51.2 | 52.6 | 53.7 | 54.8 | 55.6 | 56.3 | 55.6 | 54.8 | 53.7 |
| 87.5° | 11.0 | 12.0 | 13.3 | 14.3 | 15.3 | 16.1 | 16.7 | 17.3 | 16.7 | 16.1 | 15.3 |
| 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: P1427659

CATALOG NUMBER: SQ2W-F-OU-075D-L840-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 220° | 230° | 240° | 250° | 260° | 270° | 280° | 290° | 300° | 310° | 320° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1230.8 | 1230.8 | 1230.8 | 1230.8 | 1230.8 | 1230.8 | 1230.8 | 1230.8 | 1230.8 | 1230.8 | 1230.8 |
| 2.5° | 1228.6 | 1226.6 | 1227.8 | 1228.9 | 1229.5 | 1230.1 | 1229.5 | 1228.9 | 1227.8 | 1226.6 | 1228.6 |
| 5° | 1225.2 | 1222.6 | 1223.3 | 1224.9 | 1228.7 | 1232.6 | 1228.7 | 1224.9 | 1223.3 | 1222.6 | 1225.2 |
| 7.5° | 1215.9 | 1213.4 | 1214.4 | 1216.1 | 1220.1 | 1224.1 | 1220.1 | 1216.1 | 1214.4 | 1213.4 | 1215.9 |
| 10° | 1207.0 | 1204.7 | 1206.3 | 1208.2 | 1211.3 | 1214.4 | 1211.3 | 1208.2 | 1206.3 | 1204.7 | 1207.0 |
| 12.5° | 1197.7 | 1195.4 | 1196.3 | 1197.9 | 1201.3 | 1204.7 | 1201.3 | 1197.9 | 1196.3 | 1195.4 | 1197.7 |
| 15° | 1178.9 | 1176.8 | 1178.0 | 1179.6 | 1182.7 | 1185.8 | 1182.7 | 1179.6 | 1178.0 | 1176.8 | 1178.9 |
| 17.5° | 1155.5 | 1153.7 | 1155.0 | 1156.6 | 1159.3 | 1162.0 | 1159.3 | 1156.6 | 1155.0 | 1153.7 | 1155.5 |
| 20° | 1138.9 | 1136.5 | 1136.9 | 1137.9 | 1140.6 | 1143.3 | 1140.6 | 1137.9 | 1136.9 | 1136.5 | 1138.9 |
| 22.5° | 1120.0 | 1117.2 | 1116.4 | 1116.6 | 1119.9 | 1123.2 | 1119.9 | 1116.6 | 1116.4 | 1117.2 | 1120.0 |
| 25° | 1088.2 | 1085.5 | 1084.3 | 1084.2 | 1086.9 | 1089.5 | 1086.9 | 1084.2 | 1084.3 | 1085.5 | 1088.2 |
| 27.5° | 1052.8 | 1050.7 | 1049.9 | 1049.8 | 1051.7 | 1053.7 | 1051.7 | 1049.8 | 1049.9 | 1050.7 | 1052.8 |
| 30° | 1027.3 | 1025.0 | 1024.3 | 1024.2 | 1026.1 | 1028.0 | 1026.1 | 1024.2 | 1024.3 | 1025.0 | 1027.3 |
| 32.5° | 999.2 | 996.9 | 996.7 | 997.2 | 999.4 | 1001.7 | 999.4 | 997.2 | 996.7 | 996.9 | 999.2 |
| 35° | 956.4 | 954.5 | 954.9 | 955.7 | 957.6 | 959.5 | 957.6 | 955.7 | 954.9 | 954.5 | 956.4 |
| 37.5° | 913.1 | 911.1 | 911.0 | 911.4 | 913.0 | 914.6 | 913.0 | 911.4 | 911.0 | 911.1 | 913.1 |
| 40° | 882.8 | 880.5 | 880.1 | 880.3 | 882.2 | 884.1 | 882.2 | 880.3 | 880.1 | 880.5 | 882.8 |
| 42.5° | 850.6 | 848.9 | 849.1 | 849.5 | 850.5 | 851.5 | 850.5 | 849.5 | 849.1 | 848.9 | 850.6 |
| 45° | 801.8 | 800.0 | 800.0 | 800.2 | 801.0 | 801.8 | 801.0 | 800.2 | 800.0 | 800.0 | 801.8 |
| 47.5° | 750.9 | 749.4 | 748.9 | 748.9 | 750.1 | 751.3 | 750.1 | 748.9 | 748.9 | 749.4 | 750.9 |
| 50° | 715.6 | 713.8 | 713.1 | 712.9 | 714.4 | 716.0 | 714.4 | 712.9 | 713.1 | 713.8 | 715.6 |
| 52.5° | 680.2 | 678.3 | 677.2 | 676.7 | 678.0 | 679.2 | 678.0 | 676.7 | 677.2 | 678.3 | 680.2 |
| 55° | 626.1 | 624.2 | 622.6 | 621.7 | 622.4 | 623.2 | 622.4 | 621.7 | 622.6 | 624.2 | 626.1 |
| 57.5° | 569.4 | 567.5 | 565.7 | 564.5 | 565.6 | 566.7 | 565.6 | 564.5 | 565.7 | 567.5 | 569.4 |
| 60° | 530.8 | 528.8 | 527.3 | 526.3 | 527.1 | 527.9 | 527.1 | 526.3 | 527.3 | 528.8 | 530.8 |
| 62.5° | 492.1 | 490.0 | 488.5 | 487.5 | 488.3 | 489.0 | 488.3 | 487.5 | 488.5 | 490.0 | 492.1 |
| 65° | 433.7 | 431.8 | 430.2 | 429.2 | 429.5 | 429.9 | 429.5 | 429.2 | 430.2 | 431.8 | 433.7 |
| 67.5° | 374.4 | 372.1 | 369.9 | 368.4 | 369.0 | 369.6 | 369.0 | 368.4 | 369.9 | 372.1 | 374.4 |
| 70° | 334.7 | 332.7 | 330.8 | 329.4 | 329.4 | 329.4 | 329.4 | 329.4 | 330.8 | 332.7 | 334.7 |
| 72.5° | 294.6 | 292.7 | 291.1 | 289.9 | 289.9 | 289.9 | 289.9 | 289.9 | 291.1 | 292.7 | 294.6 |
| 75° | 235.5 | 233.9 | 232.0 | 230.5 | 230.1 | 229.7 | 230.1 | 230.5 | 232.0 | 233.9 | 235.5 |
| 77.5° | 175.3 | 173.8 | 172.4 | 171.2 | 170.7 | 170.2 | 170.7 | 171.2 | 172.4 | 173.8 | 175.3 |
| 80° | 138.4 | 137.2 | 136.1 | 135.0 | 134.3 | 133.5 | 134.3 | 135.0 | 136.1 | 137.2 | 138.4 |
| 82.5° | 102.3 | 100.9 | 99.1 | 98.0 | 98.7 | 99.5 | 98.7 | 98.0 | 99.1 | 100.9 | 102.3 |
| 85° | 52.6 | 51.2 | 49.7 | 48.4 | 48.1 | 47.7 | 48.1 | 48.4 | 49.7 | 51.2 | 52.6 |
| 87.5° | 14.3 | 13.3 | 12.0 | 11.0 | 10.7 | 10.4 | 10.7 | 11.0 | 12.0 | 13.3 | 14.3 |
| 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: P1427659

CATALOG NUMBER: SQ2W-F-0U-075D-L840-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 330° | 340° | 350° | 360° |
|-------|--------|--------|--------|--------|
| 0° | 1230.8 | 1230.8 | 1230.8 | 1230.8 |
| 2.5° | 1233.8 | 1236.3 | 1230.4 | 1224.6 |
| 5° | 1231.4 | 1234.1 | 1226.4 | 1218.7 |
| 7.5° | 1221.8 | 1224.2 | 1216.5 | 1208.8 |
| 10° | 1213.2 | 1215.9 | 1208.2 | 1200.5 |
| 12.5° | 1203.3 | 1205.5 | 1197.8 | 1190.1 |
| 15° | 1184.3 | 1186.4 | 1178.7 | 1171.0 |
| 17.5° | 1160.5 | 1162.5 | 1155.2 | 1148.0 |
| 20° | 1143.9 | 1145.9 | 1139.0 | 1132.0 |
| 22.5° | 1124.7 | 1126.5 | 1119.5 | 1112.6 |
| 25° | 1092.4 | 1093.9 | 1086.9 | 1080.0 |
| 27.5° | 1056.4 | 1057.6 | 1051.8 | 1046.0 |
| 30° | 1031.2 | 1032.6 | 1026.9 | 1021.1 |
| 32.5° | 1003.7 | 1005.7 | 1000.2 | 994.7 |
| 35° | 960.7 | 962.7 | 958.1 | 953.5 |
| 37.5° | 917.1 | 919.1 | 915.6 | 912.0 |
| 40° | 887.0 | 889.2 | 885.4 | 881.5 |
| 42.5° | 854.2 | 856.2 | 853.2 | 850.3 |
| 45° | 805.2 | 807.2 | 804.5 | 801.8 |
| 47.5° | 753.6 | 755.1 | 753.1 | 751.0 |
| 50° | 718.3 | 719.6 | 716.9 | 714.2 |
| 52.5° | 682.9 | 684.2 | 681.2 | 678.2 |
| 55° | 628.4 | 629.3 | 625.8 | 622.4 |
| 57.5° | 571.4 | 572.1 | 568.7 | 565.3 |
| 60° | 533.1 | 534.0 | 531.0 | 527.9 |
| 62.5° | 494.7 | 495.9 | 492.8 | 489.7 |
| 65° | 436.0 | 437.1 | 434.4 | 431.7 |
| 67.5° | 376.6 | 377.7 | 375.4 | 373.1 |
| 70° | 336.6 | 337.5 | 335.2 | 332.8 |
| 72.5° | 296.8 | 298.0 | 296.0 | 294.0 |
| 75° | 236.6 | 237.2 | 236.1 | 234.9 |
| 77.5° | 176.8 | 177.9 | 177.9 | 177.9 |
| 80° | 139.6 | 140.4 | 140.4 | 140.4 |
| 82.5° | 103.5 | 104.5 | 105.1 | 105.7 |
| 85° | 53.7 | 54.8 | 55.6 | 56.3 |
| 87.5° | 15.3 | 16.1 | 16.7 | 17.3 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P1427659
 CATALOG NUMBER: SQ2W-F-0U-075D-L840-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 | 22.05 | 23.69 | 22.41 | 24.00 | 24.32 | 21.96 | 23.61 | 22.33 | 23.92 | 24.23 |
| | 3H | 23.89 | 25.38 | 24.27 | 25.70 | 26.06 | 23.79 | 25.27 | 24.16 | 25.60 | 25.96 |
| | 4H | 24.62 | 26.02 | 25.02 | 26.37 | 26.74 | 24.50 | 25.91 | 24.90 | 26.25 | 26.63 |
| | 6H | 25.10 | 26.39 | 25.51 | 26.76 | 27.15 | 24.95 | 26.25 | 25.36 | 26.62 | 27.01 |
| | 8H | 25.28 | 26.52 | 25.70 | 26.91 | 27.30 | 25.12 | 26.36 | 25.54 | 26.75 | 27.15 |
| | 12H | 25.39 | 26.57 | 25.81 | 26.96 | 27.38 | 25.21 | 26.40 | 25.64 | 26.78 | 27.21 |
| 4H | 2H | 22.71 | 24.11 | 23.11 | 24.46 | 24.84 | 22.65 | 24.05 | 23.05 | 24.40 | 24.77 |
| | 3H | 24.80 | 25.98 | 25.21 | 26.37 | 26.77 | 24.71 | 25.88 | 25.12 | 26.28 | 26.68 |
| | 4H | 25.65 | 26.71 | 26.08 | 27.12 | 27.56 | 25.54 | 26.60 | 25.97 | 27.01 | 27.45 |
| | 6H | 26.24 | 27.17 | 26.70 | 27.61 | 28.07 | 26.10 | 27.03 | 26.56 | 27.47 | 27.93 |
| | 8H | 26.48 | 27.35 | 26.94 | 27.79 | 28.25 | 26.32 | 27.19 | 26.78 | 27.63 | 28.09 |
| | 12H | 26.63 | 27.41 | 27.11 | 27.88 | 28.35 | 26.44 | 27.22 | 26.92 | 27.70 | 28.17 |
| 8H | 4H | 25.95 | 26.82 | 26.41 | 27.27 | 27.73 | 25.86 | 26.73 | 26.32 | 27.17 | 27.63 |
| | 6H | 26.68 | 27.40 | 27.17 | 27.89 | 28.36 | 26.54 | 27.27 | 27.04 | 27.76 | 28.23 |
| | 8H | 26.99 | 27.64 | 27.50 | 28.14 | 28.63 | 26.83 | 27.48 | 27.34 | 27.99 | 28.47 |
| | 12H | 27.21 | 27.78 | 27.71 | 28.27 | 28.83 | 27.02 | 27.59 | 27.52 | 28.08 | 28.64 |
| 12H | 4H | 25.98 | 26.77 | 26.46 | 27.24 | 27.71 | 25.89 | 26.67 | 26.37 | 27.15 | 27.62 |
| | 6H | 26.73 | 27.38 | 27.24 | 27.89 | 28.38 | 26.61 | 27.26 | 27.12 | 27.76 | 28.25 |
| | 8H | 27.11 | 27.68 | 27.61 | 28.17 | 28.73 | 26.95 | 27.53 | 27.46 | 28.02 | 28.58 |