

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: P1428164

Luminaire Tested: SQ2W-PR1-0U-075D-L930-UNV-STD-W-WM-4

Issue Date: 3/10/2026

Test Information

Test Method: LM-79-2019
Report Number: P1428164
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2303-941-3, G2-2308-131-9)
Test Lab: INNOVATION CENTER
Issue Date: 3/10/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ2W-PR1-0U-075D-L930-UNV-STD-W-WM-4
Description: CORELITE SQ2W WALL MOUNTED LED LUMINAIRE
DOWNLIGHT - PERCEIVE RIPPLE LENS
UPLIGHT - ASYMMETRIC ROLL LENS
DOWNLIGHT 750 LUMENS PER FOOT
UPLIGHT N/A - DIRECT ONLY
Light Source: 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

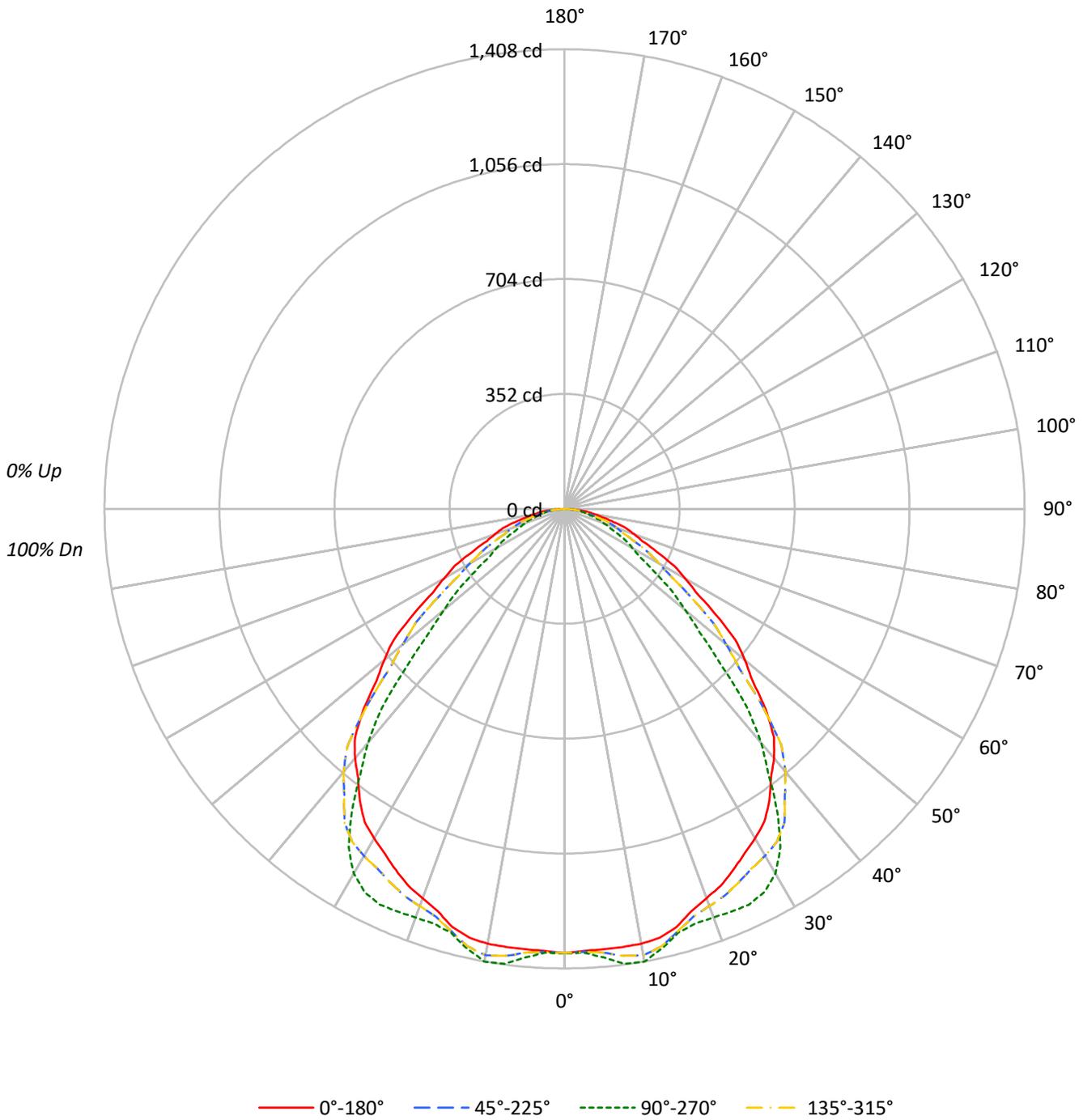
Lumens per Lamp: N/A
Luminaire Lumens: 3274.6 lumens
Efficiency: N/A
Efficacy: 122.6 lumens/watt
Spacing Criteria (0/90/45): 1.28 / 1.34 / 1.36
Luminous Opening: Rectangular (W 0.17' x L: 4' x H: 0')
CIE Type: Direct

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: P1428164

CATALOG NUMBER: SQ2W-PR1-0U-075D-L930-UNV-STD-W-WM-4

Luminous Intensity Polar Plot





TEST NUMBER: P1428164

CATALOG NUMBER: SQ2W-PR1-0U-075D-L930-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 | 110 | 106 | 102 | 99 | 108 | 104 | 101 | 97 | 100 | 97 | 94 | 96 | 94 | 92 | 92 | 90 | 89 | 87 | | | | 87 |
| 2 | 101 | 94 | 88 | 83 | 99 | 92 | 87 | 82 | 89 | 84 | 80 | 86 | 82 | 78 | 83 | 80 | 77 | 75 | | | | 75 |
| 3 | 93 | 84 | 77 | 71 | 91 | 82 | 76 | 70 | 80 | 74 | 69 | 77 | 72 | 68 | 74 | 70 | 67 | 65 | | | | 65 |
| 4 | 86 | 75 | 67 | 61 | 84 | 74 | 66 | 61 | 72 | 65 | 60 | 69 | 64 | 59 | 67 | 62 | 58 | 56 | | | | 56 |
| 5 | 80 | 68 | 60 | 53 | 78 | 67 | 59 | 53 | 65 | 58 | 53 | 63 | 57 | 52 | 61 | 56 | 52 | 50 | | | | 50 |
| 6 | 74 | 62 | 53 | 47 | 72 | 61 | 53 | 47 | 59 | 52 | 47 | 57 | 51 | 46 | 56 | 50 | 46 | 44 | | | | 44 |
| 7 | 69 | 56 | 48 | 42 | 67 | 55 | 47 | 42 | 54 | 47 | 42 | 52 | 46 | 41 | 51 | 45 | 41 | 39 | | | | 39 |
| 8 | 64 | 51 | 43 | 38 | 63 | 51 | 43 | 38 | 49 | 42 | 37 | 48 | 42 | 37 | 47 | 41 | 37 | 35 | | | | 35 |
| 9 | 60 | 47 | 39 | 34 | 59 | 47 | 39 | 34 | 46 | 39 | 34 | 45 | 38 | 34 | 44 | 38 | 34 | 32 | | | | 32 |
| 10 | 56 | 44 | 36 | 31 | 55 | 43 | 36 | 31 | 42 | 36 | 31 | 41 | 35 | 31 | 40 | 35 | 31 | 29 | | | | 29 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 21976 | 21976 | 21976 | 21976 |
| 5° | 21948 | 22351 | 21948 | 22351 |
| 10° | 22179 | 23089 | 22179 | 23089 |
| 15° | 22171 | 22473 | 22171 | 22473 |
| 20° | 21812 | 22886 | 21812 | 22886 |
| 25° | 21752 | 23827 | 21752 | 23827 |
| 30° | 21729 | 24055 | 21729 | 24055 |
| 35° | 21521 | 22397 | 21521 | 22397 |
| 40° | 21026 | 19711 | 21026 | 19711 |
| 45° | 19895 | 15586 | 19895 | 15586 |
| 50° | 18087 | 12094 | 18087 | 12094 |
| 55° | 15896 | 9413 | 15896 | 9413 |
| 60° | 13756 | 7750 | 13756 | 7750 |
| 65° | 11874 | 6785 | 11874 | 6785 |
| 70° | 10678 | 6024 | 10678 | 6024 |
| 75° | 9781 | 5539 | 9781 | 5539 |
| 80° | 8517 | 5421 | 8517 | 5421 |
| 85° | 6169 | 2575 | 6169 | 2575 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 21361 cd/sqm



TEST NUMBER: P1428164

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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 131.4 | 4.0 |
| 10°-20° | 380.5 | 11.6 |
| 20°-30° | 588.2 | 18.0 |
| 30°-40° | 707.4 | 21.6 |
| 40°-50° | 635.2 | 19.4 |
| 50°-60° | 425.6 | 13.0 |
| 60°-70° | 247.6 | 7.6 |
| 70°-80° | 127.2 | 3.9 |
| 80°-90° | 31.4 | 1.0 |
| 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° | 1100.2 | 33.6 |
| 0°-40° | 1807.6 | 55.2 |
| 0°-60° | 2868.4 | 87.6 |
| 0°-90° | 3274.6 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 3274.6 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 1361 | 1361 | 1361 | 1361 | 1361 | |
| 5° | 1354 | 1379 | 1354 | 1379 | 1354 | 129 |
| 15° | 1326 | 1344 | 1326 | 1344 | 1326 | 372 |
| 25° | 1221 | 1338 | 1221 | 1338 | 1221 | 563 |
| 35° | 1092 | 1136 | 1092 | 1136 | 1092 | 681 |
| 45° | 871 | 683 | 871 | 683 | 871 | 667 |
| 55° | 565 | 334 | 565 | 334 | 565 | 507 |
| 65° | 311 | 178 | 311 | 178 | 311 | 314 |
| 75° | 157 | 89 | 157 | 89 | 157 | 166 |
| 85° | 33 | 14 | 33 | 14 | 33 | 42 |
| 90° | 0 | 0 | 0 | 0 | 0 | |

TEST NUMBER: P1428164

CATALOG NUMBER: SQ2W-PR1-0U-075D-L930-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 30° | 40° | 50° | 60° | 70° | 80° | 90° | 100° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1361.1 | 1361.1 | 1361.1 | 1361.1 | 1361.1 | 1361.1 | 1361.1 | 1361.1 | 1361.1 | 1361.1 | 1361.1 |
| 2.5° | 1355.6 | 1363.0 | 1370.4 | 1367.0 | 1360.1 | 1356.9 | 1357.4 | 1358.1 | 1359.6 | 1361.1 | 1359.6 |
| 5° | 1354.2 | 1364.7 | 1375.1 | 1372.7 | 1365.9 | 1363.1 | 1364.3 | 1366.8 | 1373.0 | 1379.1 | 1373.0 |
| 7.5° | 1353.9 | 1368.8 | 1383.7 | 1384.9 | 1381.4 | 1381.5 | 1385.1 | 1389.8 | 1397.9 | 1406.1 | 1397.9 |
| 10° | 1352.8 | 1370.7 | 1388.5 | 1391.2 | 1388.7 | 1387.8 | 1388.4 | 1391.0 | 1399.6 | 1408.3 | 1399.6 |
| 12.5° | 1346.1 | 1367.0 | 1387.8 | 1385.6 | 1375.8 | 1370.4 | 1369.5 | 1370.0 | 1374.7 | 1379.4 | 1374.7 |
| 15° | 1326.4 | 1351.1 | 1375.8 | 1365.7 | 1344.2 | 1334.3 | 1336.1 | 1338.3 | 1341.4 | 1344.5 | 1341.4 |
| 17.5° | 1291.7 | 1317.5 | 1343.3 | 1334.3 | 1313.7 | 1306.7 | 1313.4 | 1319.9 | 1325.9 | 1332.0 | 1325.9 |
| 20° | 1269.5 | 1294.8 | 1320.1 | 1313.9 | 1297.3 | 1293.3 | 1301.9 | 1311.0 | 1321.5 | 1332.0 | 1321.5 |
| 22.5° | 1249.6 | 1274.8 | 1300.1 | 1296.2 | 1282.5 | 1281.7 | 1293.8 | 1306.4 | 1320.9 | 1335.3 | 1320.9 |
| 25° | 1221.0 | 1243.2 | 1265.4 | 1265.8 | 1259.1 | 1265.8 | 1286.2 | 1305.5 | 1321.5 | 1337.5 | 1321.5 |
| 27.5° | 1191.0 | 1204.1 | 1217.2 | 1225.8 | 1232.9 | 1250.3 | 1277.8 | 1301.2 | 1312.4 | 1323.6 | 1312.4 |
| 30° | 1165.5 | 1174.1 | 1182.7 | 1198.8 | 1217.3 | 1238.5 | 1262.6 | 1281.7 | 1286.0 | 1290.3 | 1286.0 |
| 32.5° | 1137.7 | 1142.9 | 1148.1 | 1170.7 | 1199.0 | 1219.6 | 1232.3 | 1240.4 | 1234.8 | 1229.3 | 1234.8 |
| 35° | 1091.9 | 1096.3 | 1100.6 | 1129.4 | 1166.4 | 1180.0 | 1170.1 | 1159.8 | 1148.1 | 1136.3 | 1148.1 |
| 37.5° | 1037.6 | 1046.4 | 1055.3 | 1078.8 | 1107.2 | 1106.9 | 1078.1 | 1053.1 | 1039.6 | 1026.2 | 1039.6 |
| 40° | 997.6 | 1012.4 | 1027.2 | 1042.9 | 1058.9 | 1045.4 | 1002.2 | 966.0 | 950.6 | 935.2 | 950.6 |
| 42.5° | 948.8 | 972.4 | 996.1 | 999.6 | 996.4 | 967.3 | 912.3 | 866.3 | 847.5 | 828.6 | 847.5 |
| 45° | 871.3 | 903.4 | 935.5 | 917.1 | 882.0 | 834.5 | 774.7 | 724.6 | 703.6 | 682.6 | 703.6 |
| 47.5° | 780.0 | 813.0 | 845.9 | 811.3 | 754.2 | 698.9 | 645.5 | 600.6 | 581.0 | 561.4 | 581.0 |
| 50° | 720.1 | 746.6 | 773.1 | 734.0 | 672.9 | 617.4 | 567.5 | 524.6 | 503.0 | 481.5 | 503.0 |
| 52.5° | 659.0 | 678.2 | 697.3 | 658.5 | 600.4 | 546.4 | 496.4 | 454.1 | 434.5 | 414.9 | 434.5 |
| 55° | 564.7 | 574.6 | 584.4 | 548.5 | 497.3 | 448.0 | 400.5 | 361.5 | 347.9 | 334.4 | 347.9 |
| 57.5° | 478.1 | 484.4 | 490.7 | 456.7 | 409.2 | 365.3 | 324.9 | 292.2 | 282.2 | 272.2 | 282.2 |
| 60° | 426.0 | 430.3 | 434.6 | 400.1 | 352.6 | 313.1 | 281.7 | 256.1 | 248.0 | 240.0 | 248.0 |
| 62.5° | 378.2 | 381.6 | 384.9 | 351.6 | 306.1 | 270.8 | 245.8 | 225.5 | 219.4 | 213.4 | 219.4 |
| 65° | 310.8 | 313.9 | 317.0 | 288.6 | 249.7 | 220.8 | 201.6 | 186.2 | 181.9 | 177.6 | 181.9 |
| 67.5° | 257.2 | 258.8 | 260.4 | 237.1 | 205.4 | 182.0 | 167.0 | 154.7 | 150.6 | 146.5 | 150.6 |
| 70° | 226.2 | 226.8 | 227.4 | 206.7 | 179.0 | 158.3 | 144.8 | 133.8 | 130.7 | 127.6 | 130.7 |
| 72.5° | 198.4 | 197.5 | 196.7 | 178.2 | 153.9 | 136.2 | 125.1 | 116.3 | 114.2 | 112.1 | 114.2 |
| 75° | 156.8 | 154.9 | 153.1 | 137.8 | 118.1 | 104.5 | 97.1 | 91.3 | 90.0 | 88.8 | 90.0 |
| 77.5° | 117.1 | 115.1 | 113.2 | 100.5 | 84.2 | 74.8 | 72.3 | 70.5 | 70.5 | 70.5 | 70.5 |
| 80° | 91.6 | 89.1 | 86.6 | 76.8 | 64.4 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 |
| 82.5° | 68.3 | 64.8 | 61.4 | 55.3 | 48.4 | 45.0 | 45.0 | 44.8 | 44.3 | 43.8 | 44.3 |
| 85° | 33.3 | 30.2 | 27.1 | 26.4 | 26.4 | 24.5 | 20.8 | 17.6 | 15.7 | 13.9 | 15.7 |
| 87.5° | 8.9 | 8.9 | 8.9 | 7.0 | 4.6 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 |
| 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: P1428164

CATALOG NUMBER: SQ2W-PR1-0U-075D-L930-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 110° | 120° | 130° | 140° | 150° | 160° | 170° | 180° | 190° | 200° | 210° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1361.1 | 1361.1 | 1361.1 | 1361.1 | 1361.1 | 1361.1 | 1361.1 | 1361.1 | 1361.1 | 1361.1 | 1361.1 |
| 2.5° | 1358.1 | 1357.4 | 1356.9 | 1360.1 | 1367.0 | 1370.4 | 1363.0 | 1355.6 | 1363.0 | 1370.4 | 1367.0 |
| 5° | 1366.8 | 1364.3 | 1363.1 | 1365.9 | 1372.7 | 1375.1 | 1364.7 | 1354.2 | 1364.7 | 1375.1 | 1372.7 |
| 7.5° | 1389.8 | 1385.1 | 1381.5 | 1381.4 | 1384.9 | 1383.7 | 1368.8 | 1353.9 | 1368.8 | 1383.7 | 1384.9 |
| 10° | 1391.0 | 1388.4 | 1387.8 | 1388.7 | 1391.2 | 1388.5 | 1370.7 | 1352.8 | 1370.7 | 1388.5 | 1391.2 |
| 12.5° | 1370.0 | 1369.5 | 1370.4 | 1375.8 | 1385.6 | 1387.8 | 1367.0 | 1346.1 | 1367.0 | 1387.8 | 1385.6 |
| 15° | 1338.3 | 1336.1 | 1334.3 | 1344.2 | 1365.7 | 1375.8 | 1351.1 | 1326.4 | 1351.1 | 1375.8 | 1365.7 |
| 17.5° | 1319.9 | 1313.4 | 1306.7 | 1313.7 | 1334.3 | 1343.3 | 1317.5 | 1291.7 | 1317.5 | 1343.3 | 1334.3 |
| 20° | 1311.0 | 1301.9 | 1293.3 | 1297.3 | 1313.9 | 1320.1 | 1294.8 | 1269.5 | 1294.8 | 1320.1 | 1313.9 |
| 22.5° | 1306.4 | 1293.8 | 1281.7 | 1282.5 | 1296.2 | 1300.1 | 1274.8 | 1249.6 | 1274.8 | 1300.1 | 1296.2 |
| 25° | 1305.5 | 1286.2 | 1265.8 | 1259.1 | 1265.8 | 1265.4 | 1243.2 | 1221.0 | 1243.2 | 1265.4 | 1265.8 |
| 27.5° | 1301.2 | 1277.8 | 1250.3 | 1232.9 | 1225.8 | 1217.2 | 1204.1 | 1191.0 | 1204.1 | 1217.2 | 1225.8 |
| 30° | 1281.7 | 1262.6 | 1238.5 | 1217.3 | 1198.8 | 1182.7 | 1174.1 | 1165.5 | 1174.1 | 1182.7 | 1198.8 |
| 32.5° | 1240.4 | 1232.3 | 1219.6 | 1199.0 | 1170.7 | 1148.1 | 1142.9 | 1137.7 | 1142.9 | 1148.1 | 1170.7 |
| 35° | 1159.8 | 1170.1 | 1180.0 | 1166.4 | 1129.4 | 1100.6 | 1096.3 | 1091.9 | 1096.3 | 1100.6 | 1129.4 |
| 37.5° | 1053.1 | 1078.1 | 1106.9 | 1107.2 | 1078.8 | 1055.3 | 1046.4 | 1037.6 | 1046.4 | 1055.3 | 1078.8 |
| 40° | 966.0 | 1002.2 | 1045.4 | 1058.9 | 1042.9 | 1027.2 | 1012.4 | 997.6 | 1012.4 | 1027.2 | 1042.9 |
| 42.5° | 866.3 | 912.3 | 967.3 | 996.4 | 999.6 | 996.1 | 972.4 | 948.8 | 972.4 | 996.1 | 999.6 |
| 45° | 724.6 | 774.7 | 834.5 | 882.0 | 917.1 | 935.5 | 903.4 | 871.3 | 903.4 | 935.5 | 917.1 |
| 47.5° | 600.6 | 645.5 | 698.9 | 754.2 | 811.3 | 845.9 | 813.0 | 780.0 | 813.0 | 845.9 | 811.3 |
| 50° | 524.6 | 567.5 | 617.4 | 672.9 | 734.0 | 773.1 | 746.6 | 720.1 | 746.6 | 773.1 | 734.0 |
| 52.5° | 454.1 | 496.4 | 546.4 | 600.4 | 658.5 | 697.3 | 678.2 | 659.0 | 678.2 | 697.3 | 658.5 |
| 55° | 361.5 | 400.5 | 448.0 | 497.3 | 548.5 | 584.4 | 574.6 | 564.7 | 574.6 | 584.4 | 548.5 |
| 57.5° | 292.2 | 324.9 | 365.3 | 409.2 | 456.7 | 490.7 | 484.4 | 478.1 | 484.4 | 490.7 | 456.7 |
| 60° | 256.1 | 281.7 | 313.1 | 352.6 | 400.1 | 434.6 | 430.3 | 426.0 | 430.3 | 434.6 | 400.1 |
| 62.5° | 225.5 | 245.8 | 270.8 | 306.1 | 351.6 | 384.9 | 381.6 | 378.2 | 381.6 | 384.9 | 351.6 |
| 65° | 186.2 | 201.6 | 220.8 | 249.7 | 288.6 | 317.0 | 313.9 | 310.8 | 313.9 | 317.0 | 288.6 |
| 67.5° | 154.7 | 167.0 | 182.0 | 205.4 | 237.1 | 260.4 | 258.8 | 257.2 | 258.8 | 260.4 | 237.1 |
| 70° | 133.8 | 144.8 | 158.3 | 179.0 | 206.7 | 227.4 | 226.8 | 226.2 | 226.8 | 227.4 | 206.7 |
| 72.5° | 116.3 | 125.1 | 136.2 | 153.9 | 178.2 | 196.7 | 197.5 | 198.4 | 197.5 | 196.7 | 178.2 |
| 75° | 91.3 | 97.1 | 104.5 | 118.1 | 137.8 | 153.1 | 154.9 | 156.8 | 154.9 | 153.1 | 137.8 |
| 77.5° | 70.5 | 72.3 | 74.8 | 84.2 | 100.5 | 113.2 | 115.1 | 117.1 | 115.1 | 113.2 | 100.5 |
| 80° | 58.3 | 58.3 | 58.3 | 64.4 | 76.8 | 86.6 | 89.1 | 91.6 | 89.1 | 86.6 | 76.8 |
| 82.5° | 44.8 | 45.0 | 45.0 | 48.4 | 55.3 | 61.4 | 64.8 | 68.3 | 64.8 | 61.4 | 55.3 |
| 85° | 17.6 | 20.8 | 24.5 | 26.4 | 26.4 | 27.1 | 30.2 | 33.3 | 30.2 | 27.1 | 26.4 |
| 87.5° | 3.3 | 3.3 | 3.3 | 4.6 | 7.0 | 8.9 | 8.9 | 8.9 | 8.9 | 8.9 | 7.0 |
| 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: P1428164

CATALOG NUMBER: SQ2W-PR1-0U-075D-L930-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 220° | 230° | 240° | 250° | 260° | 270° | 280° | 290° | 300° | 310° | 320° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1361.1 | 1361.1 | 1361.1 | 1361.1 | 1361.1 | 1361.1 | 1361.1 | 1361.1 | 1361.1 | 1361.1 | 1361.1 |
| 2.5° | 1360.1 | 1356.9 | 1357.4 | 1358.1 | 1359.6 | 1361.1 | 1359.6 | 1358.1 | 1357.4 | 1356.9 | 1360.1 |
| 5° | 1365.9 | 1363.1 | 1364.3 | 1366.8 | 1373.0 | 1379.1 | 1373.0 | 1366.8 | 1364.3 | 1363.1 | 1365.9 |
| 7.5° | 1381.4 | 1381.5 | 1385.1 | 1389.8 | 1397.9 | 1406.1 | 1397.9 | 1389.8 | 1385.1 | 1381.5 | 1381.4 |
| 10° | 1388.7 | 1387.8 | 1388.4 | 1391.0 | 1399.6 | 1408.3 | 1399.6 | 1391.0 | 1388.4 | 1387.8 | 1388.7 |
| 12.5° | 1375.8 | 1370.4 | 1369.5 | 1370.0 | 1374.7 | 1379.4 | 1374.7 | 1370.0 | 1369.5 | 1370.4 | 1375.8 |
| 15° | 1344.2 | 1334.3 | 1336.1 | 1338.3 | 1341.4 | 1344.5 | 1341.4 | 1338.3 | 1336.1 | 1334.3 | 1344.2 |
| 17.5° | 1313.7 | 1306.7 | 1313.4 | 1319.9 | 1325.9 | 1332.0 | 1325.9 | 1319.9 | 1313.4 | 1306.7 | 1313.7 |
| 20° | 1297.3 | 1293.3 | 1301.9 | 1311.0 | 1321.5 | 1332.0 | 1321.5 | 1311.0 | 1301.9 | 1293.3 | 1297.3 |
| 22.5° | 1282.5 | 1281.7 | 1293.8 | 1306.4 | 1320.9 | 1335.3 | 1320.9 | 1306.4 | 1293.8 | 1281.7 | 1282.5 |
| 25° | 1259.1 | 1265.8 | 1286.2 | 1305.5 | 1321.5 | 1337.5 | 1321.5 | 1305.5 | 1286.2 | 1265.8 | 1259.1 |
| 27.5° | 1232.9 | 1250.3 | 1277.8 | 1301.2 | 1312.4 | 1323.6 | 1312.4 | 1301.2 | 1277.8 | 1250.3 | 1232.9 |
| 30° | 1217.3 | 1238.5 | 1262.6 | 1281.7 | 1286.0 | 1290.3 | 1286.0 | 1281.7 | 1262.6 | 1238.5 | 1217.3 |
| 32.5° | 1199.0 | 1219.6 | 1232.3 | 1240.4 | 1234.8 | 1229.3 | 1234.8 | 1240.4 | 1232.3 | 1219.6 | 1199.0 |
| 35° | 1166.4 | 1180.0 | 1170.1 | 1159.8 | 1148.1 | 1136.3 | 1148.1 | 1159.8 | 1170.1 | 1180.0 | 1166.4 |
| 37.5° | 1107.2 | 1106.9 | 1078.1 | 1053.1 | 1039.6 | 1026.2 | 1039.6 | 1053.1 | 1078.1 | 1106.9 | 1107.2 |
| 40° | 1058.9 | 1045.4 | 1002.2 | 966.0 | 950.6 | 935.2 | 950.6 | 966.0 | 1002.2 | 1045.4 | 1058.9 |
| 42.5° | 996.4 | 967.3 | 912.3 | 866.3 | 847.5 | 828.6 | 847.5 | 866.3 | 912.3 | 967.3 | 996.4 |
| 45° | 882.0 | 834.5 | 774.7 | 724.6 | 703.6 | 682.6 | 703.6 | 724.6 | 774.7 | 834.5 | 882.0 |
| 47.5° | 754.2 | 698.9 | 645.5 | 600.6 | 581.0 | 561.4 | 581.0 | 600.6 | 645.5 | 698.9 | 754.2 |
| 50° | 672.9 | 617.4 | 567.5 | 524.6 | 503.0 | 481.5 | 503.0 | 524.6 | 567.5 | 617.4 | 672.9 |
| 52.5° | 600.4 | 546.4 | 496.4 | 454.1 | 434.5 | 414.9 | 434.5 | 454.1 | 496.4 | 546.4 | 600.4 |
| 55° | 497.3 | 448.0 | 400.5 | 361.5 | 347.9 | 334.4 | 347.9 | 361.5 | 400.5 | 448.0 | 497.3 |
| 57.5° | 409.2 | 365.3 | 324.9 | 292.2 | 282.2 | 272.2 | 282.2 | 292.2 | 324.9 | 365.3 | 409.2 |
| 60° | 352.6 | 313.1 | 281.7 | 256.1 | 248.0 | 240.0 | 248.0 | 256.1 | 281.7 | 313.1 | 352.6 |
| 62.5° | 306.1 | 270.8 | 245.8 | 225.5 | 219.4 | 213.4 | 219.4 | 225.5 | 245.8 | 270.8 | 306.1 |
| 65° | 249.7 | 220.8 | 201.6 | 186.2 | 181.9 | 177.6 | 181.9 | 186.2 | 201.6 | 220.8 | 249.7 |
| 67.5° | 205.4 | 182.0 | 167.0 | 154.7 | 150.6 | 146.5 | 150.6 | 154.7 | 167.0 | 182.0 | 205.4 |
| 70° | 179.0 | 158.3 | 144.8 | 133.8 | 130.7 | 127.6 | 130.7 | 133.8 | 144.8 | 158.3 | 179.0 |
| 72.5° | 153.9 | 136.2 | 125.1 | 116.3 | 114.2 | 112.1 | 114.2 | 116.3 | 125.1 | 136.2 | 153.9 |
| 75° | 118.1 | 104.5 | 97.1 | 91.3 | 90.0 | 88.8 | 90.0 | 91.3 | 97.1 | 104.5 | 118.1 |
| 77.5° | 84.2 | 74.8 | 72.3 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 72.3 | 74.8 | 84.2 |
| 80° | 64.4 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 64.4 |
| 82.5° | 48.4 | 45.0 | 45.0 | 44.8 | 44.3 | 43.8 | 44.3 | 44.8 | 45.0 | 45.0 | 48.4 |
| 85° | 26.4 | 24.5 | 20.8 | 17.6 | 15.7 | 13.9 | 15.7 | 17.6 | 20.8 | 24.5 | 26.4 |
| 87.5° | 4.6 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 4.6 |
| 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: P1428164

CATALOG NUMBER: SQ2W-PR1-0U-075D-L930-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 330° | 340° | 350° | 360° |
|-------|--------|--------|--------|--------|
| 0° | 1361.1 | 1361.1 | 1361.1 | 1361.1 |
| 2.5° | 1367.0 | 1370.4 | 1363.0 | 1355.6 |
| 5° | 1372.7 | 1375.1 | 1364.7 | 1354.2 |
| 7.5° | 1384.9 | 1383.7 | 1368.8 | 1353.9 |
| 10° | 1391.2 | 1388.5 | 1370.7 | 1352.8 |
| 12.5° | 1385.6 | 1387.8 | 1367.0 | 1346.1 |
| 15° | 1365.7 | 1375.8 | 1351.1 | 1326.4 |
| 17.5° | 1334.3 | 1343.3 | 1317.5 | 1291.7 |
| 20° | 1313.9 | 1320.1 | 1294.8 | 1269.5 |
| 22.5° | 1296.2 | 1300.1 | 1274.8 | 1249.6 |
| 25° | 1265.8 | 1265.4 | 1243.2 | 1221.0 |
| 27.5° | 1225.8 | 1217.2 | 1204.1 | 1191.0 |
| 30° | 1198.8 | 1182.7 | 1174.1 | 1165.5 |
| 32.5° | 1170.7 | 1148.1 | 1142.9 | 1137.7 |
| 35° | 1129.4 | 1100.6 | 1096.3 | 1091.9 |
| 37.5° | 1078.8 | 1055.3 | 1046.4 | 1037.6 |
| 40° | 1042.9 | 1027.2 | 1012.4 | 997.6 |
| 42.5° | 999.6 | 996.1 | 972.4 | 948.8 |
| 45° | 917.1 | 935.5 | 903.4 | 871.3 |
| 47.5° | 811.3 | 845.9 | 813.0 | 780.0 |
| 50° | 734.0 | 773.1 | 746.6 | 720.1 |
| 52.5° | 658.5 | 697.3 | 678.2 | 659.0 |
| 55° | 548.5 | 584.4 | 574.6 | 564.7 |
| 57.5° | 456.7 | 490.7 | 484.4 | 478.1 |
| 60° | 400.1 | 434.6 | 430.3 | 426.0 |
| 62.5° | 351.6 | 384.9 | 381.6 | 378.2 |
| 65° | 288.6 | 317.0 | 313.9 | 310.8 |
| 67.5° | 237.1 | 260.4 | 258.8 | 257.2 |
| 70° | 206.7 | 227.4 | 226.8 | 226.2 |
| 72.5° | 178.2 | 196.7 | 197.5 | 198.4 |
| 75° | 137.8 | 153.1 | 154.9 | 156.8 |
| 77.5° | 100.5 | 113.2 | 115.1 | 117.1 |
| 80° | 76.8 | 86.6 | 89.1 | 91.6 |
| 82.5° | 55.3 | 61.4 | 64.8 | 68.3 |
| 85° | 26.4 | 27.1 | 30.2 | 33.3 |
| 87.5° | 7.0 | 8.9 | 8.9 | 8.9 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P1428164
 CATALOG NUMBER: SQ2W-PR1-0U-075D-L930-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 | 21.33 | 22.83 | 21.70 | 23.14 | 23.46 | 17.70 | 19.20 | 18.07 | 19.51 | 19.83 |
| | 3H | 22.59 | 23.92 | 22.97 | 24.25 | 24.61 | 18.91 | 20.25 | 19.29 | 20.58 | 20.94 |
| | 4H | 23.10 | 24.35 | 23.50 | 24.70 | 25.08 | 19.40 | 20.66 | 19.80 | 21.00 | 21.38 |
| | 6H | 23.43 | 24.58 | 23.84 | 24.95 | 25.34 | 19.78 | 20.93 | 20.19 | 21.30 | 21.69 |
| | 8H | 23.55 | 24.65 | 23.98 | 25.04 | 25.44 | 19.93 | 21.03 | 20.36 | 21.42 | 21.82 |
| | 12H | 23.61 | 24.66 | 24.04 | 25.04 | 25.47 | 19.98 | 21.03 | 20.41 | 21.41 | 21.84 |
| 4H | 2H | 21.51 | 22.76 | 21.91 | 23.11 | 23.49 | 18.49 | 19.74 | 18.89 | 20.09 | 20.47 |
| | 3H | 23.03 | 24.06 | 23.44 | 24.46 | 24.86 | 19.90 | 20.93 | 20.31 | 21.33 | 21.74 |
| | 4H | 23.68 | 24.61 | 24.11 | 25.02 | 25.46 | 20.47 | 21.40 | 20.90 | 21.81 | 22.25 |
| | 6H | 24.14 | 24.95 | 24.60 | 25.39 | 25.85 | 20.93 | 21.74 | 21.39 | 22.18 | 22.64 |
| | 8H | 24.31 | 25.07 | 24.78 | 25.51 | 25.98 | 21.13 | 21.88 | 21.59 | 22.33 | 22.79 |
| | 12H | 24.41 | 25.08 | 24.89 | 25.56 | 26.03 | 21.20 | 21.87 | 21.69 | 22.35 | 22.82 |
| 8H | 4H | 23.75 | 24.50 | 24.21 | 24.95 | 25.41 | 20.84 | 21.59 | 21.30 | 22.04 | 22.50 |
| | 6H | 24.30 | 24.92 | 24.80 | 25.41 | 25.89 | 21.40 | 22.02 | 21.90 | 22.51 | 22.99 |
| | 8H | 24.53 | 25.09 | 25.05 | 25.60 | 26.09 | 21.66 | 22.22 | 22.18 | 22.73 | 23.22 |
| | 12H | 24.68 | 25.17 | 25.19 | 25.67 | 26.23 | 21.78 | 22.28 | 22.29 | 22.77 | 23.33 |
| 12H | 4H | 23.73 | 24.41 | 24.22 | 24.88 | 25.36 | 20.89 | 21.56 | 21.37 | 22.04 | 22.51 |
| | 6H | 24.29 | 24.85 | 24.80 | 25.36 | 25.85 | 21.47 | 22.03 | 21.99 | 22.54 | 23.03 |
| | 8H | 24.57 | 25.06 | 25.08 | 25.55 | 26.12 | 21.79 | 22.28 | 22.30 | 22.77 | 23.34 |