

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: P1435893

Luminaire Tested: SQ2W-FB-0U-075D-L935-UNV-STD-W-WM-4

Issue Date: 3/24/2026

Test Information

Test Method: LM-79-2019
Report Number: P1435893
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-L935-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, 90 CRI LEDS
Ballast/Driver: -

Summary

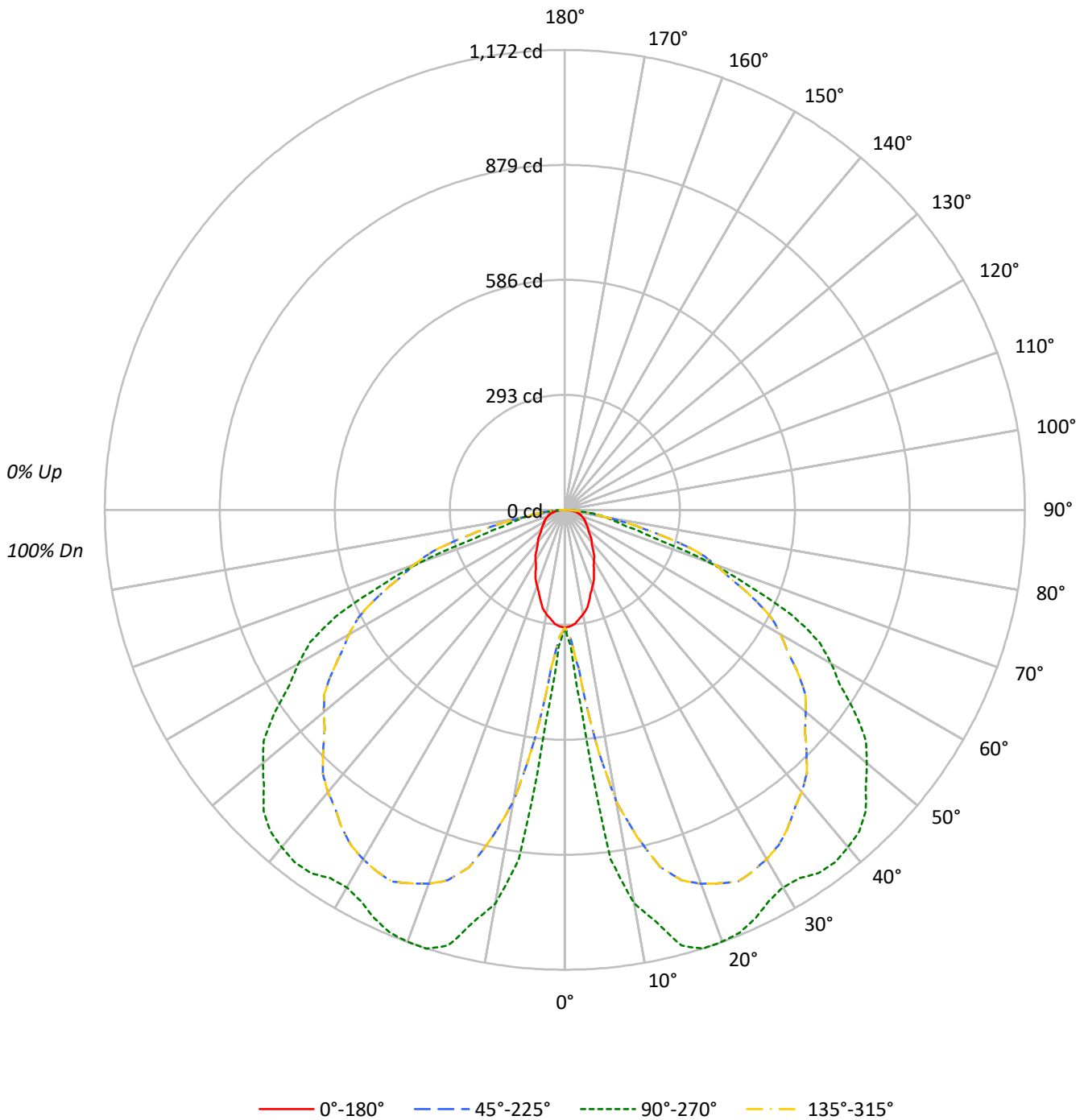
Lumens per Lamp: N/A
Luminaire Lumens: 2963.5 lumens
Efficiency: N/A
Efficacy: 111.0 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 2.98 / 2.52
Luminous Opening: Rectangular (W 0.17' x L: 4' x H: 0')
CIE Type: Direct

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: P1435893

CATALOG NUMBER: SQ2W-FB-0U-075D-L935-UNV-STD-W-WM-4

Luminous Intensity Polar Plot





TEST NUMBER: P1435893

CATALOG NUMBER: SQ2W-FB-0U-075D-L935-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 | 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 | 98 | 90 | 83 | 77 | 96 | 88 | 82 | 76 | 84 | 79 | 74 | 81 | 77 | 73 | 78 | 74 | 71 | 69 |
| 3 | 89 | 78 | 70 | 63 | 87 | 77 | 69 | 63 | 74 | 67 | 61 | 71 | 65 | 60 | 68 | 63 | 59 | 57 |
| 4 | 81 | 69 | 60 | 53 | 79 | 67 | 59 | 52 | 65 | 58 | 52 | 63 | 56 | 51 | 60 | 55 | 50 | 48 |
| 5 | 74 | 61 | 52 | 45 | 72 | 60 | 51 | 45 | 58 | 50 | 44 | 56 | 49 | 44 | 54 | 48 | 43 | 41 |
| 6 | 68 | 54 | 45 | 39 | 66 | 53 | 45 | 38 | 52 | 44 | 38 | 50 | 43 | 38 | 48 | 42 | 37 | 35 |
| 7 | 63 | 49 | 40 | 34 | 61 | 48 | 40 | 33 | 47 | 39 | 33 | 45 | 38 | 33 | 44 | 37 | 33 | 31 |
| 8 | 58 | 44 | 36 | 30 | 57 | 44 | 35 | 29 | 42 | 35 | 29 | 41 | 34 | 29 | 40 | 34 | 29 | 27 |
| 9 | 54 | 40 | 32 | 26 | 53 | 40 | 32 | 26 | 39 | 31 | 26 | 38 | 31 | 26 | 37 | 30 | 26 | 24 |
| 10 | 51 | 37 | 29 | 23 | 49 | 37 | 29 | 23 | 36 | 28 | 23 | 35 | 28 | 23 | 34 | 28 | 23 | 21 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|------|-------|------|-------|
| 0° | 4845 | 4845 | 4845 | 4845 |
| 5° | 4723 | 8580 | 4723 | 8580 |
| 10° | 4423 | 16698 | 4423 | 16698 |
| 15° | 4003 | 19217 | 4003 | 19217 |
| 20° | 3545 | 20127 | 3545 | 20127 |
| 25° | 3135 | 20457 | 3135 | 20457 |
| 30° | 2770 | 20709 | 2770 | 20709 |
| 35° | 2474 | 22263 | 2474 | 22263 |
| 40° | 2251 | 23654 | 2251 | 23654 |
| 45° | 2076 | 24770 | 2076 | 24770 |
| 50° | 1957 | 25218 | 1957 | 25218 |
| 55° | 1908 | 25421 | 1908 | 25421 |
| 60° | 1957 | 25294 | 1957 | 25294 |
| 65° | 2040 | 24580 | 2040 | 24580 |
| 70° | 2110 | 18590 | 2110 | 18590 |
| 75° | 2339 | 10262 | 2339 | 10262 |
| 80° | 2417 | 9521 | 2417 | 9521 |
| 85° | 2408 | 4001 | 2408 | 4001 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
 Vertical Angle: 52.5°
 Luminance: 25649 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 50.3 | 1.7 |
| 10°-20° | 229.4 | 7.7 |
| 20°-30° | 403.6 | 13.6 |
| 30°-40° | 522.5 | 17.6 |
| 40°-50° | 576.2 | 19.4 |
| 50°-60° | 537.8 | 18.1 |
| 60°-70° | 415.5 | 14.0 |
| 70°-80° | 191.5 | 6.5 |
| 80°-90° | 36.6 | 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° | 683.3 | 23.1 |
| 0°-40° | 1205.8 | 40.7 |
| 0°-60° | 2319.8 | 78.3 |
| 0°-90° | 2963.5 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 2963.5 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|-----|-----|------|------|------|------|------|
| 0° | 300 | 300 | 300 | 300 | 300 | |
| 5° | 291 | 529 | 291 | 529 | 291 | 27 |
| 15° | 240 | 1150 | 240 | 1150 | 240 | 67 |
| 25° | 176 | 1148 | 176 | 1148 | 176 | 81 |
| 35° | 126 | 1130 | 126 | 1130 | 126 | 79 |
| 45° | 91 | 1085 | 91 | 1085 | 91 | 70 |
| 55° | 68 | 903 | 68 | 903 | 68 | 61 |
| 65° | 53 | 643 | 53 | 643 | 53 | 52 |
| 75° | 38 | 164 | 38 | 164 | 38 | 38 |
| 85° | 13 | 22 | 13 | 22 | 13 | 14 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



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CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 30° | 40° | 50° | 60° | 70° | 80° | 90° | 100° |
|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| 0° | 300.1 | 300.1 | 300.1 | 300.1 | 300.1 | 300.1 | 300.1 | 300.1 | 300.1 | 300.1 | 300.1 |
| 2.5° | 297.7 | 303.4 | 309.0 | 315.1 | 321.2 | 327.9 | 335.1 | 341.2 | 344.3 | 347.4 | 344.3 |
| 5° | 291.4 | 310.6 | 329.9 | 357.8 | 388.5 | 423.5 | 462.6 | 496.1 | 512.8 | 529.4 | 512.8 |
| 7.5° | 280.1 | 319.3 | 358.4 | 441.2 | 538.7 | 639.9 | 744.8 | 831.8 | 865.1 | 898.4 | 865.1 |
| 10° | 269.8 | 324.3 | 378.8 | 519.3 | 688.6 | 818.7 | 909.8 | 982.6 | 1000.5 | 1018.5 | 1000.5 |
| 12.5° | 258.2 | 332.2 | 406.2 | 579.7 | 786.4 | 921.7 | 985.6 | 1038.1 | 1056.5 | 1075.0 | 1056.5 |
| 15° | 239.5 | 345.3 | 451.0 | 647.2 | 873.6 | 1012.7 | 1064.6 | 1108.7 | 1129.2 | 1149.7 | 1129.2 |
| 17.5° | 220.1 | 360.9 | 501.7 | 701.9 | 921.8 | 1057.4 | 1108.9 | 1150.2 | 1161.4 | 1172.5 | 1161.4 |
| 20° | 206.3 | 371.7 | 537.1 | 737.6 | 949.9 | 1078.1 | 1122.3 | 1157.3 | 1164.3 | 1171.4 | 1164.3 |
| 22.5° | 193.6 | 378.5 | 563.4 | 764.2 | 970.2 | 1090.0 | 1123.5 | 1150.5 | 1158.0 | 1165.6 | 1158.0 |
| 25° | 176.0 | 384.4 | 592.7 | 792.9 | 990.4 | 1099.7 | 1120.9 | 1138.0 | 1143.2 | 1148.3 | 1143.2 |
| 27.5° | 159.0 | 379.1 | 599.3 | 797.0 | 987.1 | 1089.1 | 1103.0 | 1114.6 | 1119.6 | 1124.6 | 1119.6 |
| 30° | 148.6 | 372.3 | 596.1 | 792.0 | 978.5 | 1077.0 | 1087.2 | 1096.7 | 1103.7 | 1110.8 | 1103.7 |
| 32.5° | 139.4 | 364.1 | 588.9 | 782.4 | 965.3 | 1061.7 | 1071.5 | 1082.6 | 1097.8 | 1113.1 | 1097.8 |
| 35° | 125.5 | 346.7 | 567.9 | 759.3 | 940.7 | 1039.1 | 1054.5 | 1073.1 | 1101.3 | 1129.5 | 1101.3 |
| 37.5° | 113.7 | 324.4 | 535.0 | 724.5 | 906.8 | 1014.1 | 1046.3 | 1077.2 | 1104.4 | 1131.6 | 1104.4 |
| 40° | 106.8 | 308.7 | 510.7 | 698.7 | 882.1 | 995.2 | 1038.2 | 1076.2 | 1099.2 | 1122.3 | 1099.2 |
| 42.5° | 99.8 | 291.0 | 482.2 | 668.7 | 853.6 | 971.1 | 1021.2 | 1064.6 | 1087.7 | 1110.8 | 1087.7 |
| 45° | 90.9 | 262.7 | 434.5 | 619.3 | 808.5 | 932.5 | 991.5 | 1041.2 | 1063.0 | 1084.8 | 1063.0 |
| 47.5° | 82.5 | 231.8 | 381.0 | 566.6 | 764.4 | 894.5 | 957.1 | 1008.0 | 1023.9 | 1039.8 | 1023.9 |
| 50° | 77.9 | 211.3 | 344.6 | 530.9 | 734.8 | 867.5 | 929.0 | 978.4 | 991.2 | 1004.0 | 991.2 |
| 52.5° | 73.3 | 191.3 | 309.2 | 495.9 | 705.4 | 839.1 | 897.1 | 943.5 | 955.3 | 967.1 | 955.3 |
| 55° | 67.8 | 164.0 | 260.1 | 444.8 | 658.9 | 791.3 | 842.0 | 882.5 | 892.8 | 903.1 | 892.8 |
| 57.5° | 62.9 | 140.5 | 218.1 | 396.9 | 609.5 | 737.4 | 780.6 | 815.1 | 823.5 | 831.8 | 823.5 |
| 60° | 60.6 | 127.9 | 195.2 | 366.9 | 573.3 | 696.1 | 735.2 | 766.7 | 775.0 | 783.3 | 775.0 |
| 62.5° | 57.1 | 115.7 | 174.3 | 336.9 | 534.1 | 650.7 | 686.8 | 715.7 | 723.6 | 731.4 | 723.6 |
| 65° | 53.4 | 100.8 | 148.3 | 294.8 | 474.3 | 579.1 | 609.2 | 633.1 | 638.3 | 643.4 | 638.3 |
| 67.5° | 48.2 | 88.4 | 128.7 | 256.2 | 412.8 | 500.4 | 519.1 | 530.8 | 521.2 | 511.5 | 521.2 |
| 70° | 44.7 | 81.9 | 119.1 | 232.7 | 371.9 | 444.6 | 451.0 | 449.0 | 421.4 | 393.8 | 421.4 |
| 72.5° | 42.4 | 75.5 | 108.6 | 207.0 | 327.1 | 380.1 | 366.0 | 342.4 | 290.2 | 238.0 | 290.2 |
| 75° | 37.5 | 64.4 | 91.4 | 165.4 | 255.2 | 269.3 | 207.7 | 161.9 | 163.2 | 164.5 | 163.2 |
| 77.5° | 30.6 | 50.7 | 70.8 | 116.4 | 170.4 | 181.1 | 148.5 | 124.4 | 125.5 | 126.7 | 125.5 |
| 80° | 26.0 | 42.0 | 58.0 | 76.0 | 94.6 | 103.2 | 101.9 | 101.1 | 101.8 | 102.4 | 101.8 |
| 82.5° | 21.4 | 33.3 | 45.2 | 56.0 | 66.4 | 72.2 | 73.5 | 74.2 | 73.3 | 72.4 | 73.3 |
| 85° | 13.0 | 20.0 | 27.1 | 31.3 | 34.5 | 33.5 | 28.4 | 24.2 | 22.9 | 21.6 | 22.9 |
| 87.5° | 4.6 | 7.2 | 9.7 | 8.8 | 6.8 | 5.8 | 5.8 | 5.8 | 5.8 | 5.8 | 5.8 |
| 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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CATALOG NUMBER: SQ2W-FB-0U-075D-L935-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 110° | 120° | 130° | 140° | 150° | 160° | 170° | 180° | 190° | 200° | 210° |
|-------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 300.1 | 300.1 | 300.1 | 300.1 | 300.1 | 300.1 | 300.1 | 300.1 | 300.1 | 300.1 | 300.1 |
| 2.5° | 341.2 | 335.1 | 327.9 | 321.2 | 315.1 | 309.0 | 303.4 | 297.7 | 303.4 | 309.0 | 315.1 |
| 5° | 496.1 | 462.6 | 423.5 | 388.5 | 357.8 | 329.9 | 310.6 | 291.4 | 310.6 | 329.9 | 357.8 |
| 7.5° | 831.8 | 744.8 | 639.9 | 538.7 | 441.2 | 358.4 | 319.3 | 280.1 | 319.3 | 358.4 | 441.2 |
| 10° | 982.6 | 909.8 | 818.7 | 688.6 | 519.3 | 378.8 | 324.3 | 269.8 | 324.3 | 378.8 | 519.3 |
| 12.5° | 1038.1 | 985.6 | 921.7 | 786.4 | 579.7 | 406.2 | 332.2 | 258.2 | 332.2 | 406.2 | 579.7 |
| 15° | 1108.7 | 1064.6 | 1012.7 | 873.6 | 647.2 | 451.0 | 345.3 | 239.5 | 345.3 | 451.0 | 647.2 |
| 17.5° | 1150.2 | 1108.9 | 1057.4 | 921.8 | 701.9 | 501.7 | 360.9 | 220.1 | 360.9 | 501.7 | 701.9 |
| 20° | 1157.3 | 1122.3 | 1078.1 | 949.9 | 737.6 | 537.1 | 371.7 | 206.3 | 371.7 | 537.1 | 737.6 |
| 22.5° | 1150.5 | 1123.5 | 1090.0 | 970.2 | 764.2 | 563.4 | 378.5 | 193.6 | 378.5 | 563.4 | 764.2 |
| 25° | 1138.0 | 1120.9 | 1099.7 | 990.4 | 792.9 | 592.7 | 384.4 | 176.0 | 384.4 | 592.7 | 792.9 |
| 27.5° | 1114.6 | 1103.0 | 1089.1 | 987.1 | 797.0 | 599.3 | 379.1 | 159.0 | 379.1 | 599.3 | 797.0 |
| 30° | 1096.7 | 1087.2 | 1077.0 | 978.5 | 792.0 | 596.1 | 372.3 | 148.6 | 372.3 | 596.1 | 792.0 |
| 32.5° | 1082.6 | 1071.5 | 1061.7 | 965.3 | 782.4 | 588.9 | 364.1 | 139.4 | 364.1 | 588.9 | 782.4 |
| 35° | 1073.1 | 1054.5 | 1039.1 | 940.7 | 759.3 | 567.9 | 346.7 | 125.5 | 346.7 | 567.9 | 759.3 |
| 37.5° | 1077.2 | 1046.3 | 1014.1 | 906.8 | 724.5 | 535.0 | 324.4 | 113.7 | 324.4 | 535.0 | 724.5 |
| 40° | 1076.2 | 1038.2 | 995.2 | 882.1 | 698.7 | 510.7 | 308.7 | 106.8 | 308.7 | 510.7 | 698.7 |
| 42.5° | 1064.6 | 1021.2 | 971.1 | 853.6 | 668.7 | 482.2 | 291.0 | 99.8 | 291.0 | 482.2 | 668.7 |
| 45° | 1041.2 | 991.5 | 932.5 | 808.5 | 619.3 | 434.5 | 262.7 | 90.9 | 262.7 | 434.5 | 619.3 |
| 47.5° | 1008.0 | 957.1 | 894.5 | 764.4 | 566.6 | 381.0 | 231.8 | 82.5 | 231.8 | 381.0 | 566.6 |
| 50° | 978.4 | 929.0 | 867.5 | 734.8 | 530.9 | 344.6 | 211.3 | 77.9 | 211.3 | 344.6 | 530.9 |
| 52.5° | 943.5 | 897.1 | 839.1 | 705.4 | 495.9 | 309.2 | 191.3 | 73.3 | 191.3 | 309.2 | 495.9 |
| 55° | 882.5 | 842.0 | 791.3 | 658.9 | 444.8 | 260.1 | 164.0 | 67.8 | 164.0 | 260.1 | 444.8 |
| 57.5° | 815.1 | 780.6 | 737.4 | 609.5 | 396.9 | 218.1 | 140.5 | 62.9 | 140.5 | 218.1 | 396.9 |
| 60° | 766.7 | 735.2 | 696.1 | 573.3 | 366.9 | 195.2 | 127.9 | 60.6 | 127.9 | 195.2 | 366.9 |
| 62.5° | 715.7 | 686.8 | 650.7 | 534.1 | 336.9 | 174.3 | 115.7 | 57.1 | 115.7 | 174.3 | 336.9 |
| 65° | 633.1 | 609.2 | 579.1 | 474.3 | 294.8 | 148.3 | 100.8 | 53.4 | 100.8 | 148.3 | 294.8 |
| 67.5° | 530.8 | 519.1 | 500.4 | 412.8 | 256.2 | 128.7 | 88.4 | 48.2 | 88.4 | 128.7 | 256.2 |
| 70° | 449.0 | 451.0 | 444.6 | 371.9 | 232.7 | 119.1 | 81.9 | 44.7 | 81.9 | 119.1 | 232.7 |
| 72.5° | 342.4 | 366.0 | 380.1 | 327.1 | 207.0 | 108.6 | 75.5 | 42.4 | 75.5 | 108.6 | 207.0 |
| 75° | 161.9 | 207.7 | 269.3 | 255.2 | 165.4 | 91.4 | 64.4 | 37.5 | 64.4 | 91.4 | 165.4 |
| 77.5° | 124.4 | 148.5 | 181.1 | 170.4 | 116.4 | 70.8 | 50.7 | 30.6 | 50.7 | 70.8 | 116.4 |
| 80° | 101.1 | 101.9 | 103.2 | 94.6 | 76.0 | 58.0 | 42.0 | 26.0 | 42.0 | 58.0 | 76.0 |
| 82.5° | 74.2 | 73.5 | 72.2 | 66.4 | 56.0 | 45.2 | 33.3 | 21.4 | 33.3 | 45.2 | 56.0 |
| 85° | 24.2 | 28.4 | 33.5 | 34.5 | 31.3 | 27.1 | 20.0 | 13.0 | 20.0 | 27.1 | 31.3 |
| 87.5° | 5.8 | 5.8 | 5.8 | 6.8 | 8.8 | 9.7 | 7.2 | 4.6 | 7.2 | 9.7 | 8.8 |
| 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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CATALOG NUMBER: SQ2W-FB-0U-075D-L935-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 220° | 230° | 240° | 250° | 260° | 270° | 280° | 290° | 300° | 310° | 320° |
|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 0° | 300.1 | 300.1 | 300.1 | 300.1 | 300.1 | 300.1 | 300.1 | 300.1 | 300.1 | 300.1 | 300.1 |
| 2.5° | 321.2 | 327.9 | 335.1 | 341.2 | 344.3 | 347.4 | 344.3 | 341.2 | 335.1 | 327.9 | 321.2 |
| 5° | 388.5 | 423.5 | 462.6 | 496.1 | 512.8 | 529.4 | 512.8 | 496.1 | 462.6 | 423.5 | 388.5 |
| 7.5° | 538.7 | 639.9 | 744.8 | 831.8 | 865.1 | 898.4 | 865.1 | 831.8 | 744.8 | 639.9 | 538.7 |
| 10° | 688.6 | 818.7 | 909.8 | 982.6 | 1000.5 | 1018.5 | 1000.5 | 982.6 | 909.8 | 818.7 | 688.6 |
| 12.5° | 786.4 | 921.7 | 985.6 | 1038.1 | 1056.5 | 1075.0 | 1056.5 | 1038.1 | 985.6 | 921.7 | 786.4 |
| 15° | 873.6 | 1012.7 | 1064.6 | 1108.7 | 1129.2 | 1149.7 | 1129.2 | 1108.7 | 1064.6 | 1012.7 | 873.6 |
| 17.5° | 921.8 | 1057.4 | 1108.9 | 1150.2 | 1161.4 | 1172.5 | 1161.4 | 1150.2 | 1108.9 | 1057.4 | 921.8 |
| 20° | 949.9 | 1078.1 | 1122.3 | 1157.3 | 1164.3 | 1171.4 | 1164.3 | 1157.3 | 1122.3 | 1078.1 | 949.9 |
| 22.5° | 970.2 | 1090.0 | 1123.5 | 1150.5 | 1158.0 | 1165.6 | 1158.0 | 1150.5 | 1123.5 | 1090.0 | 970.2 |
| 25° | 990.4 | 1099.7 | 1120.9 | 1138.0 | 1143.2 | 1148.3 | 1143.2 | 1138.0 | 1120.9 | 1099.7 | 990.4 |
| 27.5° | 987.1 | 1089.1 | 1103.0 | 1114.6 | 1119.6 | 1124.6 | 1119.6 | 1114.6 | 1103.0 | 1089.1 | 987.1 |
| 30° | 978.5 | 1077.0 | 1087.2 | 1096.7 | 1103.7 | 1110.8 | 1103.7 | 1096.7 | 1087.2 | 1077.0 | 978.5 |
| 32.5° | 965.3 | 1061.7 | 1071.5 | 1082.6 | 1097.8 | 1113.1 | 1097.8 | 1082.6 | 1071.5 | 1061.7 | 965.3 |
| 35° | 940.7 | 1039.1 | 1054.5 | 1073.1 | 1101.3 | 1129.5 | 1101.3 | 1073.1 | 1054.5 | 1039.1 | 940.7 |
| 37.5° | 906.8 | 1014.1 | 1046.3 | 1077.2 | 1104.4 | 1131.6 | 1104.4 | 1077.2 | 1046.3 | 1014.1 | 906.8 |
| 40° | 882.1 | 995.2 | 1038.2 | 1076.2 | 1099.2 | 1122.3 | 1099.2 | 1076.2 | 1038.2 | 995.2 | 882.1 |
| 42.5° | 853.6 | 971.1 | 1021.2 | 1064.6 | 1087.7 | 1110.8 | 1087.7 | 1064.6 | 1021.2 | 971.1 | 853.6 |
| 45° | 808.5 | 932.5 | 991.5 | 1041.2 | 1063.0 | 1084.8 | 1063.0 | 1041.2 | 991.5 | 932.5 | 808.5 |
| 47.5° | 764.4 | 894.5 | 957.1 | 1008.0 | 1023.9 | 1039.8 | 1023.9 | 1008.0 | 957.1 | 894.5 | 764.4 |
| 50° | 734.8 | 867.5 | 929.0 | 978.4 | 991.2 | 1004.0 | 991.2 | 978.4 | 929.0 | 867.5 | 734.8 |
| 52.5° | 705.4 | 839.1 | 897.1 | 943.5 | 955.3 | 967.1 | 955.3 | 943.5 | 897.1 | 839.1 | 705.4 |
| 55° | 658.9 | 791.3 | 842.0 | 882.5 | 892.8 | 903.1 | 892.8 | 882.5 | 842.0 | 791.3 | 658.9 |
| 57.5° | 609.5 | 737.4 | 780.6 | 815.1 | 823.5 | 831.8 | 823.5 | 815.1 | 780.6 | 737.4 | 609.5 |
| 60° | 573.3 | 696.1 | 735.2 | 766.7 | 775.0 | 783.3 | 775.0 | 766.7 | 735.2 | 696.1 | 573.3 |
| 62.5° | 534.1 | 650.7 | 686.8 | 715.7 | 723.6 | 731.4 | 723.6 | 715.7 | 686.8 | 650.7 | 534.1 |
| 65° | 474.3 | 579.1 | 609.2 | 633.1 | 638.3 | 643.4 | 638.3 | 609.2 | 609.2 | 579.1 | 474.3 |
| 67.5° | 412.8 | 500.4 | 519.1 | 530.8 | 521.2 | 511.5 | 521.2 | 530.8 | 519.1 | 500.4 | 412.8 |
| 70° | 371.9 | 444.6 | 451.0 | 449.0 | 421.4 | 393.8 | 421.4 | 449.0 | 451.0 | 444.6 | 371.9 |
| 72.5° | 327.1 | 380.1 | 366.0 | 342.4 | 290.2 | 238.0 | 290.2 | 342.4 | 366.0 | 380.1 | 327.1 |
| 75° | 255.2 | 269.3 | 207.7 | 161.9 | 163.2 | 164.5 | 163.2 | 161.9 | 207.7 | 269.3 | 255.2 |
| 77.5° | 170.4 | 181.1 | 148.5 | 124.4 | 125.5 | 126.7 | 125.5 | 124.4 | 148.5 | 181.1 | 170.4 |
| 80° | 94.6 | 103.2 | 101.9 | 101.1 | 101.8 | 102.4 | 101.8 | 101.1 | 101.9 | 103.2 | 94.6 |
| 82.5° | 66.4 | 72.2 | 73.5 | 74.2 | 73.3 | 72.4 | 73.3 | 74.2 | 73.5 | 72.2 | 66.4 |
| 85° | 34.5 | 33.5 | 28.4 | 24.2 | 22.9 | 21.6 | 22.9 | 24.2 | 28.4 | 33.5 | 34.5 |
| 87.5° | 6.8 | 5.8 | 5.8 | 5.8 | 5.8 | 5.8 | 5.8 | 5.8 | 5.8 | 5.8 | 6.8 |
| 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: P1435893

CATALOG NUMBER: SQ2W-FB-0U-075D-L935-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 330° | 340° | 350° | 360° |
|-------|-------|-------|-------|-------|
| 0° | 300.1 | 300.1 | 300.1 | 300.1 |
| 2.5° | 315.1 | 309.0 | 303.4 | 297.7 |
| 5° | 357.8 | 329.9 | 310.6 | 291.4 |
| 7.5° | 441.2 | 358.4 | 319.3 | 280.1 |
| 10° | 519.3 | 378.8 | 324.3 | 269.8 |
| 12.5° | 579.7 | 406.2 | 332.2 | 258.2 |
| 15° | 647.2 | 451.0 | 345.3 | 239.5 |
| 17.5° | 701.9 | 501.7 | 360.9 | 220.1 |
| 20° | 737.6 | 537.1 | 371.7 | 206.3 |
| 22.5° | 764.2 | 563.4 | 378.5 | 193.6 |
| 25° | 792.9 | 592.7 | 384.4 | 176.0 |
| 27.5° | 797.0 | 599.3 | 379.1 | 159.0 |
| 30° | 792.0 | 596.1 | 372.3 | 148.6 |
| 32.5° | 782.4 | 588.9 | 364.1 | 139.4 |
| 35° | 759.3 | 567.9 | 346.7 | 125.5 |
| 37.5° | 724.5 | 535.0 | 324.4 | 113.7 |
| 40° | 698.7 | 510.7 | 308.7 | 106.8 |
| 42.5° | 668.7 | 482.2 | 291.0 | 99.8 |
| 45° | 619.3 | 434.5 | 262.7 | 90.9 |
| 47.5° | 566.6 | 381.0 | 231.8 | 82.5 |
| 50° | 530.9 | 344.6 | 211.3 | 77.9 |
| 52.5° | 495.9 | 309.2 | 191.3 | 73.3 |
| 55° | 444.8 | 260.1 | 164.0 | 67.8 |
| 57.5° | 396.9 | 218.1 | 140.5 | 62.9 |
| 60° | 366.9 | 195.2 | 127.9 | 60.6 |
| 62.5° | 336.9 | 174.3 | 115.7 | 57.1 |
| 65° | 294.8 | 148.3 | 100.8 | 53.4 |
| 67.5° | 256.2 | 128.7 | 88.4 | 48.2 |
| 70° | 232.7 | 119.1 | 81.9 | 44.7 |
| 72.5° | 207.0 | 108.6 | 75.5 | 42.4 |
| 75° | 165.4 | 91.4 | 64.4 | 37.5 |
| 77.5° | 116.4 | 70.8 | 50.7 | 30.6 |
| 80° | 76.0 | 58.0 | 42.0 | 26.0 |
| 82.5° | 56.0 | 45.2 | 33.3 | 21.4 |
| 85° | 31.3 | 27.1 | 20.0 | 13.0 |
| 87.5° | 8.8 | 9.7 | 7.2 | 4.6 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P1435893

CATALOG NUMBER: SQ2W-FB-0U-075D-L935-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 | 15.42 | 17.11 | 15.79 | 17.42 | 17.73 | 25.02 | 26.70 | 25.38 | 27.02 | 27.33 |
| | 3H | 16.42 | 17.94 | 16.79 | 18.27 | 18.63 | 26.68 | 28.21 | 27.06 | 28.53 | 28.89 |
| | 4H | 16.85 | 18.29 | 17.25 | 18.63 | 19.01 | 26.90 | 28.33 | 27.29 | 28.68 | 29.05 |
| | 6H | 17.15 | 18.48 | 17.56 | 18.84 | 19.23 | 27.01 | 28.34 | 27.42 | 28.71 | 29.10 |
| | 8H | 17.26 | 18.54 | 17.69 | 18.92 | 19.32 | 27.05 | 28.32 | 27.48 | 28.71 | 29.11 |
| | 12H | 17.34 | 18.56 | 17.77 | 18.94 | 19.37 | 27.06 | 28.28 | 27.49 | 28.66 | 29.09 |
| 4H | 2H | 20.24 | 21.67 | 20.63 | 22.02 | 22.39 | 25.48 | 26.91 | 25.88 | 27.26 | 27.63 |
| | 3H | 21.44 | 22.64 | 21.85 | 23.04 | 23.44 | 27.44 | 28.64 | 27.85 | 29.04 | 29.44 |
| | 4H | 21.76 | 22.84 | 22.19 | 23.25 | 23.69 | 27.70 | 28.78 | 28.13 | 29.20 | 29.63 |
| | 6H | 21.94 | 22.89 | 22.39 | 23.33 | 23.78 | 27.88 | 28.82 | 28.33 | 29.26 | 29.72 |
| | 8H | 22.00 | 22.89 | 22.46 | 23.33 | 23.79 | 27.94 | 28.83 | 28.40 | 29.27 | 29.73 |
| | 12H | 22.04 | 22.84 | 22.52 | 23.31 | 23.78 | 27.97 | 28.76 | 28.45 | 29.24 | 29.70 |
| 8H | 4H | 23.02 | 23.90 | 23.48 | 24.35 | 24.81 | 27.86 | 28.74 | 28.32 | 29.18 | 29.65 |
| | 6H | 23.32 | 24.05 | 23.81 | 24.54 | 25.01 | 28.09 | 28.83 | 28.59 | 29.31 | 29.79 |
| | 8H | 23.42 | 24.08 | 23.93 | 24.59 | 25.07 | 28.20 | 28.85 | 28.70 | 29.36 | 29.84 |
| | 12H | 23.51 | 24.08 | 24.01 | 24.57 | 25.13 | 28.24 | 28.82 | 28.75 | 29.31 | 29.87 |
| 12H | 4H | 23.08 | 23.88 | 23.56 | 24.35 | 24.82 | 27.85 | 28.65 | 28.33 | 29.12 | 29.59 |
| | 6H | 23.43 | 24.09 | 23.94 | 24.59 | 25.08 | 28.09 | 28.74 | 28.59 | 29.25 | 29.73 |
| | 8H | 23.61 | 24.19 | 24.12 | 24.68 | 25.24 | 28.23 | 28.81 | 28.73 | 29.30 | 29.86 |