

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: P1427995

Luminaire Tested: SQ2W-PP3-0U-075D-L840-UNV-STD-W-WM-4

Issue Date: 3/10/2026

Test Information

Test Method: LM-79-2019
Report Number: P1427995
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2303-941-3, G2-2308-131-7)
Test Lab: INNOVATION CENTER
Issue Date: 3/10/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ2W-PP3-0U-075D-L840-UNV-STD-W-WM-4
Description: CORELITE SQ2W WALL MOUNTED LED LUMINAIRE
DOWNLIGHT - PERCEIVE PRISM 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

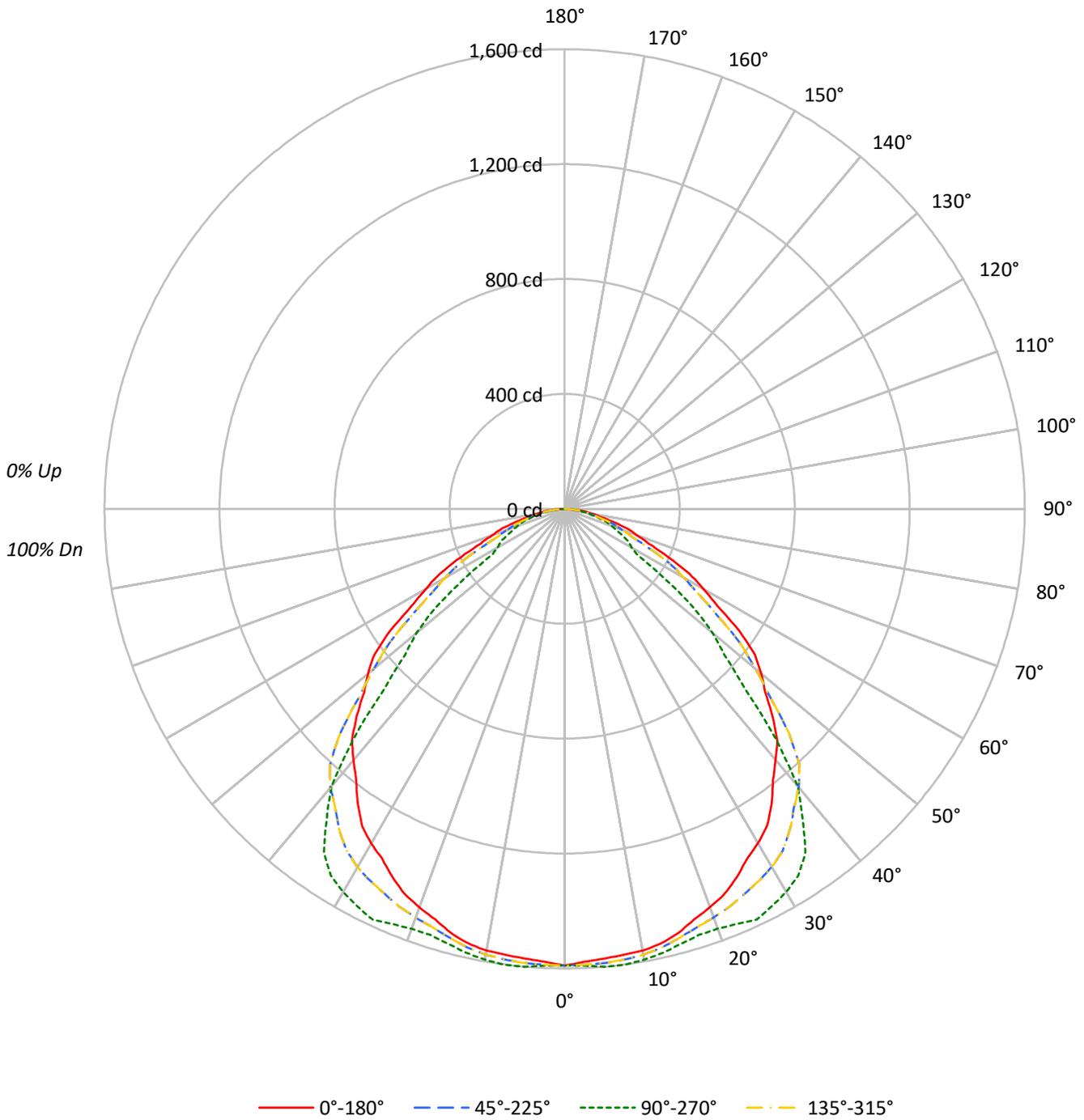
Lumens per Lamp: N/A
Luminaire Lumens: 4005.4 lumens
Efficiency: N/A
Efficacy: 150.0 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.41 / 1.4
Luminous Opening: Rectangular (W 0.17' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 26.7
Input Voltage (V): 120
Input Current (Ain): 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: P1427995

CATALOG NUMBER: SQ2W-PP3-0U-075D-L840-UNV-STD-W-WM-4

Luminous Intensity Polar Plot





TEST NUMBER: P1427995

CATALOG NUMBER: SQ2W-PP3-0U-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 | 110 | 106 | 102 | 99 | 107 | 104 | 100 | 97 | 99 | 97 | 94 | 96 | 93 | 91 | 92 | 90 | 89 | 87 | | | | |
| 2 | 101 | 94 | 88 | 82 | 99 | 92 | 86 | 81 | 88 | 84 | 80 | 85 | 81 | 78 | 82 | 79 | 76 | 74 | | | | |
| 3 | 93 | 83 | 76 | 70 | 91 | 82 | 75 | 69 | 79 | 73 | 68 | 76 | 71 | 67 | 74 | 69 | 66 | 64 | | | | |
| 4 | 86 | 74 | 66 | 60 | 83 | 73 | 66 | 60 | 71 | 64 | 59 | 68 | 63 | 58 | 66 | 61 | 57 | 55 | | | | |
| 5 | 79 | 67 | 59 | 52 | 77 | 66 | 58 | 52 | 64 | 57 | 52 | 62 | 56 | 51 | 60 | 55 | 50 | 48 | | | | |
| 6 | 73 | 61 | 52 | 46 | 71 | 60 | 52 | 46 | 58 | 51 | 46 | 56 | 50 | 45 | 55 | 49 | 45 | 43 | | | | |
| 7 | 68 | 55 | 47 | 41 | 66 | 54 | 46 | 41 | 53 | 46 | 41 | 51 | 45 | 40 | 50 | 44 | 40 | 38 | | | | |
| 8 | 63 | 50 | 42 | 37 | 62 | 50 | 42 | 37 | 48 | 41 | 36 | 47 | 41 | 36 | 46 | 40 | 36 | 34 | | | | |
| 9 | 59 | 46 | 38 | 33 | 58 | 46 | 38 | 33 | 45 | 38 | 33 | 44 | 37 | 33 | 43 | 37 | 33 | 31 | | | | |
| 10 | 56 | 43 | 35 | 30 | 54 | 42 | 35 | 30 | 41 | 35 | 30 | 40 | 34 | 30 | 40 | 34 | 30 | 28 | | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 25678 | 25678 | 25678 | 25678 |
| 5° | 25476 | 25940 | 25476 | 25940 |
| 10° | 25605 | 26130 | 25605 | 26130 |
| 15° | 25544 | 26191 | 25544 | 26191 |
| 20° | 25362 | 26719 | 25362 | 26719 |
| 25° | 25218 | 28122 | 25218 | 28122 |
| 30° | 25073 | 28711 | 25073 | 28711 |
| 35° | 24720 | 28763 | 24720 | 28763 |
| 40° | 24059 | 26575 | 24059 | 26575 |
| 45° | 23340 | 20230 | 23340 | 20230 |
| 50° | 22423 | 16849 | 22423 | 16849 |
| 55° | 20870 | 12115 | 20870 | 12115 |
| 60° | 17970 | 8686 | 17970 | 8686 |
| 65° | 15159 | 8542 | 15159 | 8542 |
| 70° | 12618 | 8176 | 12618 | 8176 |
| 75° | 10698 | 7654 | 10698 | 7654 |
| 80° | 9065 | 6880 | 9065 | 6880 |
| 85° | 7169 | 3742 | 7169 | 3742 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 40°
 Vertical Angle: 45°
 Luminance: 25532 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 151.4 | 3.8 |
| 10°-20° | 438.3 | 10.9 |
| 20°-30° | 686.6 | 17.1 |
| 30°-40° | 847.0 | 21.1 |
| 40°-50° | 797.4 | 19.9 |
| 50°-60° | 564.7 | 14.1 |
| 60°-70° | 321.7 | 8.0 |
| 70°-80° | 159.3 | 4.0 |
| 80°-90° | 38.9 | 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° | 1276.4 | 31.9 |
| 0°-40° | 2123.4 | 53.0 |
| 0°-60° | 3485.5 | 87.0 |
| 0°-90° | 4005.4 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 4005.4 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 1590 | 1590 | 1590 | 1590 | 1590 | |
| 5° | 1572 | 1600 | 1572 | 1600 | 1572 | 150 |
| 15° | 1528 | 1567 | 1528 | 1567 | 1528 | 431 |
| 25° | 1416 | 1579 | 1416 | 1579 | 1416 | 652 |
| 35° | 1254 | 1459 | 1254 | 1459 | 1254 | 782 |
| 45° | 1022 | 886 | 1022 | 886 | 1022 | 787 |
| 55° | 741 | 430 | 741 | 430 | 741 | 654 |
| 65° | 397 | 224 | 397 | 224 | 397 | 398 |
| 75° | 172 | 123 | 172 | 123 | 172 | 186 |
| 85° | 39 | 20 | 39 | 20 | 39 | 47 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P1427995

CATALOG NUMBER: SQ2W-PP3-OU-075D-L840-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 30° | 40° | 50° | 60° | 70° | 80° | 90° | 100° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1590.4 | 1590.4 | 1590.4 | 1590.4 | 1590.4 | 1590.4 | 1590.4 | 1590.4 | 1590.4 | 1590.4 | 1590.4 |
| 2.5° | 1578.3 | 1588.5 | 1598.6 | 1596.2 | 1589.7 | 1587.0 | 1588.2 | 1589.4 | 1590.5 | 1591.7 | 1590.5 |
| 5° | 1571.9 | 1584.6 | 1597.3 | 1595.4 | 1588.7 | 1586.1 | 1587.6 | 1590.0 | 1595.3 | 1600.5 | 1595.3 |
| 7.5° | 1565.9 | 1578.9 | 1591.9 | 1590.2 | 1583.6 | 1581.6 | 1584.1 | 1587.6 | 1594.1 | 1600.5 | 1594.1 |
| 10° | 1561.8 | 1573.0 | 1584.2 | 1582.6 | 1576.6 | 1575.5 | 1579.2 | 1583.3 | 1588.5 | 1593.8 | 1588.5 |
| 12.5° | 1549.7 | 1560.3 | 1570.9 | 1569.6 | 1564.2 | 1563.9 | 1568.9 | 1573.7 | 1578.4 | 1583.0 | 1578.4 |
| 15° | 1528.2 | 1537.9 | 1547.6 | 1547.8 | 1544.8 | 1546.7 | 1553.4 | 1559.4 | 1563.1 | 1566.9 | 1563.1 |
| 17.5° | 1498.9 | 1510.7 | 1522.6 | 1525.3 | 1525.0 | 1529.6 | 1539.2 | 1547.3 | 1551.2 | 1555.1 | 1551.2 |
| 20° | 1476.1 | 1490.3 | 1504.5 | 1509.1 | 1510.6 | 1517.4 | 1529.3 | 1540.2 | 1547.6 | 1555.1 | 1547.6 |
| 22.5° | 1451.9 | 1468.5 | 1485.0 | 1491.2 | 1493.9 | 1504.2 | 1522.1 | 1538.8 | 1551.7 | 1564.5 | 1551.7 |
| 25° | 1415.6 | 1432.0 | 1448.4 | 1460.4 | 1470.8 | 1489.2 | 1515.3 | 1539.8 | 1559.2 | 1578.6 | 1559.2 |
| 27.5° | 1373.2 | 1389.5 | 1405.8 | 1426.3 | 1448.3 | 1474.0 | 1503.4 | 1529.4 | 1544.7 | 1560.1 | 1544.7 |
| 30° | 1344.9 | 1360.6 | 1376.3 | 1399.9 | 1426.0 | 1454.4 | 1485.0 | 1511.6 | 1525.8 | 1540.0 | 1525.8 |
| 32.5° | 1310.0 | 1326.3 | 1342.6 | 1367.6 | 1395.5 | 1426.0 | 1459.0 | 1487.1 | 1500.1 | 1513.1 | 1500.1 |
| 35° | 1254.2 | 1269.9 | 1285.5 | 1314.7 | 1348.3 | 1382.3 | 1416.7 | 1444.3 | 1451.8 | 1459.3 | 1451.8 |
| 37.5° | 1189.9 | 1207.7 | 1225.5 | 1258.2 | 1295.9 | 1324.3 | 1343.6 | 1358.2 | 1358.6 | 1359.1 | 1358.6 |
| 40° | 1141.5 | 1164.7 | 1187.8 | 1220.5 | 1256.4 | 1276.2 | 1279.9 | 1280.3 | 1270.6 | 1260.9 | 1270.6 |
| 42.5° | 1094.5 | 1124.2 | 1153.9 | 1180.2 | 1205.3 | 1210.5 | 1195.7 | 1173.8 | 1130.6 | 1087.4 | 1130.6 |
| 45° | 1022.2 | 1057.3 | 1092.4 | 1108.5 | 1118.2 | 1085.3 | 1009.8 | 945.8 | 915.9 | 886.0 | 915.9 |
| 47.5° | 945.2 | 979.8 | 1014.5 | 1010.1 | 992.6 | 942.8 | 860.8 | 794.1 | 773.5 | 752.8 | 773.5 |
| 50° | 892.7 | 925.6 | 958.5 | 934.7 | 892.1 | 836.1 | 766.6 | 709.6 | 690.2 | 670.8 | 690.2 |
| 52.5° | 833.5 | 862.8 | 892.1 | 856.3 | 798.7 | 739.7 | 679.2 | 626.4 | 596.8 | 567.2 | 596.8 |
| 55° | 741.4 | 761.6 | 781.8 | 742.5 | 683.5 | 618.5 | 547.5 | 487.2 | 458.8 | 430.4 | 458.8 |
| 57.5° | 630.4 | 644.6 | 658.8 | 628.0 | 582.1 | 517.5 | 434.1 | 363.6 | 331.8 | 299.9 | 331.8 |
| 60° | 556.5 | 567.7 | 578.9 | 550.9 | 509.8 | 448.1 | 365.9 | 300.4 | 284.7 | 269.0 | 284.7 |
| 62.5° | 489.2 | 499.2 | 509.2 | 480.0 | 437.7 | 382.7 | 314.8 | 262.6 | 257.0 | 251.5 | 257.0 |
| 65° | 396.8 | 406.5 | 416.2 | 385.6 | 341.5 | 298.5 | 256.7 | 225.1 | 224.3 | 223.6 | 224.3 |
| 67.5° | 315.7 | 326.3 | 336.9 | 308.1 | 266.1 | 234.4 | 212.8 | 196.5 | 195.6 | 194.7 | 195.6 |
| 70° | 267.3 | 278.5 | 289.7 | 262.8 | 223.2 | 197.4 | 185.5 | 176.2 | 174.7 | 173.2 | 174.7 |
| 72.5° | 227.0 | 237.6 | 248.2 | 224.7 | 189.9 | 168.6 | 160.8 | 154.8 | 153.9 | 153.0 | 153.9 |
| 75° | 171.5 | 179.7 | 187.9 | 170.9 | 145.5 | 130.9 | 127.2 | 124.2 | 123.5 | 122.7 | 123.5 |
| 77.5° | 124.4 | 129.6 | 134.9 | 123.7 | 107.1 | 97.9 | 95.9 | 94.3 | 93.5 | 92.8 | 93.5 |
| 80° | 97.5 | 99.8 | 102.0 | 94.1 | 82.9 | 77.0 | 76.2 | 75.5 | 74.7 | 74.0 | 74.7 |
| 82.5° | 73.3 | 72.6 | 71.8 | 67.2 | 61.4 | 58.1 | 57.4 | 56.5 | 55.1 | 53.8 | 55.1 |
| 85° | 38.7 | 37.2 | 35.7 | 34.2 | 32.7 | 30.4 | 27.5 | 24.7 | 22.4 | 20.2 | 22.4 |
| 87.5° | 12.1 | 12.1 | 12.1 | 9.9 | 6.9 | 5.1 | 4.5 | 4.0 | 4.0 | 4.0 | 4.0 |
| 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: P1427995

CATALOG NUMBER: SQ2W-PP3-OU-075D-L840-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 110° | 120° | 130° | 140° | 150° | 160° | 170° | 180° | 190° | 200° | 210° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1590.4 | 1590.4 | 1590.4 | 1590.4 | 1590.4 | 1590.4 | 1590.4 | 1590.4 | 1590.4 | 1590.4 | 1590.4 |
| 2.5° | 1589.4 | 1588.2 | 1587.0 | 1589.7 | 1596.2 | 1598.6 | 1588.5 | 1578.3 | 1588.5 | 1598.6 | 1596.2 |
| 5° | 1590.0 | 1587.6 | 1586.1 | 1588.7 | 1595.4 | 1597.3 | 1584.6 | 1571.9 | 1584.6 | 1597.3 | 1595.4 |
| 7.5° | 1587.6 | 1584.1 | 1581.6 | 1583.6 | 1590.2 | 1591.9 | 1578.9 | 1565.9 | 1578.9 | 1591.9 | 1590.2 |
| 10° | 1583.3 | 1579.2 | 1575.5 | 1576.6 | 1582.6 | 1584.2 | 1573.0 | 1561.8 | 1573.0 | 1584.2 | 1582.6 |
| 12.5° | 1573.7 | 1568.9 | 1563.9 | 1564.2 | 1569.6 | 1570.9 | 1560.3 | 1549.7 | 1560.3 | 1570.9 | 1569.6 |
| 15° | 1559.4 | 1553.4 | 1546.7 | 1544.8 | 1547.8 | 1547.6 | 1537.9 | 1528.2 | 1537.9 | 1547.6 | 1547.8 |
| 17.5° | 1547.3 | 1539.2 | 1529.6 | 1525.0 | 1525.3 | 1522.6 | 1510.7 | 1498.9 | 1510.7 | 1522.6 | 1525.3 |
| 20° | 1540.2 | 1529.3 | 1517.4 | 1510.6 | 1509.1 | 1504.5 | 1490.3 | 1476.1 | 1490.3 | 1504.5 | 1509.1 |
| 22.5° | 1538.8 | 1522.1 | 1504.2 | 1493.9 | 1491.2 | 1485.0 | 1468.5 | 1451.9 | 1468.5 | 1485.0 | 1491.2 |
| 25° | 1539.8 | 1515.3 | 1489.2 | 1470.8 | 1460.4 | 1448.4 | 1432.0 | 1415.6 | 1432.0 | 1448.4 | 1460.4 |
| 27.5° | 1529.4 | 1503.4 | 1474.0 | 1448.3 | 1426.3 | 1405.8 | 1389.5 | 1373.2 | 1389.5 | 1405.8 | 1426.3 |
| 30° | 1511.6 | 1485.0 | 1454.4 | 1426.0 | 1399.9 | 1376.3 | 1360.6 | 1344.9 | 1360.6 | 1376.3 | 1399.9 |
| 32.5° | 1487.1 | 1459.0 | 1426.0 | 1395.5 | 1367.6 | 1342.6 | 1326.3 | 1310.0 | 1326.3 | 1342.6 | 1367.6 |
| 35° | 1444.3 | 1416.7 | 1382.3 | 1348.3 | 1314.7 | 1285.5 | 1269.9 | 1254.2 | 1269.9 | 1285.5 | 1314.7 |
| 37.5° | 1358.2 | 1343.6 | 1324.3 | 1295.9 | 1258.2 | 1225.5 | 1207.7 | 1189.9 | 1207.7 | 1225.5 | 1258.2 |
| 40° | 1280.3 | 1279.9 | 1276.2 | 1256.4 | 1220.5 | 1187.8 | 1164.7 | 1141.5 | 1164.7 | 1187.8 | 1220.5 |
| 42.5° | 1173.8 | 1195.7 | 1210.5 | 1205.3 | 1180.2 | 1153.9 | 1124.2 | 1094.5 | 1124.2 | 1153.9 | 1180.2 |
| 45° | 945.8 | 1009.8 | 1085.3 | 1118.2 | 1108.5 | 1092.4 | 1057.3 | 1022.2 | 1057.3 | 1092.4 | 1108.5 |
| 47.5° | 794.1 | 860.8 | 942.8 | 992.6 | 1010.1 | 1014.5 | 979.8 | 945.2 | 979.8 | 1014.5 | 1010.1 |
| 50° | 709.6 | 766.6 | 836.1 | 892.1 | 934.7 | 958.5 | 925.6 | 892.7 | 925.6 | 958.5 | 934.7 |
| 52.5° | 626.4 | 679.2 | 739.7 | 798.7 | 856.3 | 892.1 | 862.8 | 833.5 | 862.8 | 892.1 | 856.3 |
| 55° | 487.2 | 547.5 | 618.5 | 683.5 | 742.5 | 781.8 | 761.6 | 741.4 | 761.6 | 781.8 | 742.5 |
| 57.5° | 363.6 | 434.1 | 517.5 | 582.1 | 628.0 | 658.8 | 644.6 | 630.4 | 644.6 | 658.8 | 628.0 |
| 60° | 300.4 | 365.9 | 448.1 | 509.8 | 550.9 | 578.9 | 567.7 | 556.5 | 567.7 | 578.9 | 550.9 |
| 62.5° | 262.6 | 314.8 | 382.7 | 437.7 | 480.0 | 509.2 | 499.2 | 489.2 | 499.2 | 509.2 | 480.0 |
| 65° | 225.1 | 256.7 | 298.5 | 341.5 | 385.6 | 416.2 | 406.5 | 396.8 | 406.5 | 416.2 | 385.6 |
| 67.5° | 196.5 | 212.8 | 234.4 | 266.1 | 308.1 | 336.9 | 326.3 | 315.7 | 326.3 | 336.9 | 308.1 |
| 70° | 176.2 | 185.5 | 197.4 | 223.2 | 262.8 | 289.7 | 278.5 | 267.3 | 278.5 | 289.7 | 262.8 |
| 72.5° | 154.8 | 160.8 | 168.6 | 189.9 | 224.7 | 248.2 | 237.6 | 227.0 | 237.6 | 248.2 | 224.7 |
| 75° | 124.2 | 127.2 | 130.9 | 145.5 | 170.9 | 187.9 | 179.7 | 171.5 | 179.7 | 187.9 | 170.9 |
| 77.5° | 94.3 | 95.9 | 97.9 | 107.1 | 123.7 | 134.9 | 129.6 | 124.4 | 129.6 | 134.9 | 123.7 |
| 80° | 75.5 | 76.2 | 77.0 | 82.9 | 94.1 | 102.0 | 99.8 | 97.5 | 99.8 | 102.0 | 94.1 |
| 82.5° | 56.5 | 57.4 | 58.1 | 61.4 | 67.2 | 71.8 | 72.6 | 73.3 | 72.6 | 71.8 | 67.2 |
| 85° | 24.7 | 27.5 | 30.4 | 32.7 | 34.2 | 35.7 | 37.2 | 38.7 | 37.2 | 35.7 | 34.2 |
| 87.5° | 4.0 | 4.5 | 5.1 | 6.9 | 9.9 | 12.1 | 12.1 | 12.1 | 12.1 | 12.1 | 9.9 |
| 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: P1427995

CATALOG NUMBER: SQ2W-PP3-OU-075D-L840-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 220° | 230° | 240° | 250° | 260° | 270° | 280° | 290° | 300° | 310° | 320° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1590.4 | 1590.4 | 1590.4 | 1590.4 | 1590.4 | 1590.4 | 1590.4 | 1590.4 | 1590.4 | 1590.4 | 1590.4 |
| 2.5° | 1589.7 | 1587.0 | 1588.2 | 1589.4 | 1590.5 | 1591.7 | 1590.5 | 1589.4 | 1588.2 | 1587.0 | 1589.7 |
| 5° | 1588.7 | 1586.1 | 1587.6 | 1590.0 | 1595.3 | 1600.5 | 1595.3 | 1590.0 | 1587.6 | 1586.1 | 1588.7 |
| 7.5° | 1583.6 | 1581.6 | 1584.1 | 1587.6 | 1594.1 | 1600.5 | 1594.1 | 1587.6 | 1584.1 | 1581.6 | 1583.6 |
| 10° | 1576.6 | 1575.5 | 1579.2 | 1583.3 | 1588.5 | 1593.8 | 1588.5 | 1583.3 | 1579.2 | 1575.5 | 1576.6 |
| 12.5° | 1564.2 | 1563.9 | 1568.9 | 1573.7 | 1578.4 | 1583.0 | 1578.4 | 1573.7 | 1568.9 | 1563.9 | 1564.2 |
| 15° | 1544.8 | 1546.7 | 1553.4 | 1559.4 | 1563.1 | 1566.9 | 1563.1 | 1559.4 | 1553.4 | 1546.7 | 1544.8 |
| 17.5° | 1525.0 | 1529.6 | 1539.2 | 1547.3 | 1551.2 | 1555.1 | 1551.2 | 1547.3 | 1539.2 | 1529.6 | 1525.0 |
| 20° | 1510.6 | 1517.4 | 1529.3 | 1540.2 | 1547.6 | 1555.1 | 1547.6 | 1540.2 | 1529.3 | 1517.4 | 1510.6 |
| 22.5° | 1493.9 | 1504.2 | 1522.1 | 1538.8 | 1551.7 | 1564.5 | 1551.7 | 1538.8 | 1522.1 | 1504.2 | 1493.9 |
| 25° | 1470.8 | 1489.2 | 1515.3 | 1539.8 | 1559.2 | 1578.6 | 1559.2 | 1539.8 | 1515.3 | 1489.2 | 1470.8 |
| 27.5° | 1448.3 | 1474.0 | 1503.4 | 1529.4 | 1544.7 | 1560.1 | 1544.7 | 1529.4 | 1503.4 | 1474.0 | 1448.3 |
| 30° | 1426.0 | 1454.4 | 1485.0 | 1511.6 | 1525.8 | 1540.0 | 1525.8 | 1511.6 | 1485.0 | 1454.4 | 1426.0 |
| 32.5° | 1395.5 | 1426.0 | 1459.0 | 1487.1 | 1500.1 | 1513.1 | 1500.1 | 1487.1 | 1459.0 | 1426.0 | 1395.5 |
| 35° | 1348.3 | 1382.3 | 1416.7 | 1444.3 | 1451.8 | 1459.3 | 1451.8 | 1444.3 | 1416.7 | 1382.3 | 1348.3 |
| 37.5° | 1295.9 | 1324.3 | 1343.6 | 1358.2 | 1358.6 | 1359.1 | 1358.6 | 1358.2 | 1343.6 | 1324.3 | 1295.9 |
| 40° | 1256.4 | 1276.2 | 1279.9 | 1280.3 | 1270.6 | 1260.9 | 1270.6 | 1280.3 | 1279.9 | 1276.2 | 1256.4 |
| 42.5° | 1205.3 | 1210.5 | 1195.7 | 1173.8 | 1130.6 | 1087.4 | 1130.6 | 1173.8 | 1195.7 | 1210.5 | 1205.3 |
| 45° | 1118.2 | 1085.3 | 1009.8 | 945.8 | 915.9 | 886.0 | 915.9 | 945.8 | 1009.8 | 1085.3 | 1118.2 |
| 47.5° | 992.6 | 942.8 | 860.8 | 794.1 | 773.5 | 752.8 | 773.5 | 794.1 | 860.8 | 942.8 | 992.6 |
| 50° | 892.1 | 836.1 | 766.6 | 709.6 | 690.2 | 670.8 | 690.2 | 709.6 | 766.6 | 836.1 | 892.1 |
| 52.5° | 798.7 | 739.7 | 679.2 | 626.4 | 596.8 | 567.2 | 596.8 | 626.4 | 679.2 | 739.7 | 798.7 |
| 55° | 683.5 | 618.5 | 547.5 | 487.2 | 458.8 | 430.4 | 458.8 | 487.2 | 547.5 | 618.5 | 683.5 |
| 57.5° | 582.1 | 517.5 | 434.1 | 363.6 | 331.8 | 299.9 | 331.8 | 363.6 | 434.1 | 517.5 | 582.1 |
| 60° | 509.8 | 448.1 | 365.9 | 300.4 | 284.7 | 269.0 | 284.7 | 300.4 | 365.9 | 448.1 | 509.8 |
| 62.5° | 437.7 | 382.7 | 314.8 | 262.6 | 257.0 | 251.5 | 257.0 | 262.6 | 314.8 | 382.7 | 437.7 |
| 65° | 341.5 | 298.5 | 256.7 | 225.1 | 224.3 | 223.6 | 224.3 | 225.1 | 256.7 | 298.5 | 341.5 |
| 67.5° | 266.1 | 234.4 | 212.8 | 196.5 | 195.6 | 194.7 | 195.6 | 196.5 | 212.8 | 234.4 | 266.1 |
| 70° | 223.2 | 197.4 | 185.5 | 176.2 | 174.7 | 173.2 | 174.7 | 176.2 | 185.5 | 197.4 | 223.2 |
| 72.5° | 189.9 | 168.6 | 160.8 | 154.8 | 153.9 | 153.0 | 153.9 | 154.8 | 160.8 | 168.6 | 189.9 |
| 75° | 145.5 | 130.9 | 127.2 | 124.2 | 123.5 | 122.7 | 123.5 | 124.2 | 127.2 | 130.9 | 145.5 |
| 77.5° | 107.1 | 97.9 | 95.9 | 94.3 | 93.5 | 92.8 | 93.5 | 94.3 | 95.9 | 97.9 | 107.1 |
| 80° | 82.9 | 77.0 | 76.2 | 75.5 | 74.7 | 74.0 | 74.7 | 75.5 | 76.2 | 77.0 | 82.9 |
| 82.5° | 61.4 | 58.1 | 57.4 | 56.5 | 55.1 | 53.8 | 55.1 | 56.5 | 57.4 | 58.1 | 61.4 |
| 85° | 32.7 | 30.4 | 27.5 | 24.7 | 22.4 | 20.2 | 22.4 | 24.7 | 27.5 | 30.4 | 32.7 |
| 87.5° | 6.9 | 5.1 | 4.5 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.5 | 5.1 | 6.9 |
| 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: P1427995

CATALOG NUMBER: SQ2W-PP3-0U-075D-L840-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 330° | 340° | 350° | 360° |
|-------|--------|--------|--------|--------|
| 0° | 1590.4 | 1590.4 | 1590.4 | 1590.4 |
| 2.5° | 1596.2 | 1598.6 | 1588.5 | 1578.3 |
| 5° | 1595.4 | 1597.3 | 1584.6 | 1571.9 |
| 7.5° | 1590.2 | 1591.9 | 1578.9 | 1565.9 |
| 10° | 1582.6 | 1584.2 | 1573.0 | 1561.8 |
| 12.5° | 1569.6 | 1570.9 | 1560.3 | 1549.7 |
| 15° | 1547.8 | 1547.6 | 1537.9 | 1528.2 |
| 17.5° | 1525.3 | 1522.6 | 1510.7 | 1498.9 |
| 20° | 1509.1 | 1504.5 | 1490.3 | 1476.1 |
| 22.5° | 1491.2 | 1485.0 | 1468.5 | 1451.9 |
| 25° | 1460.4 | 1448.4 | 1432.0 | 1415.6 |
| 27.5° | 1426.3 | 1405.8 | 1389.5 | 1373.2 |
| 30° | 1399.9 | 1376.3 | 1360.6 | 1344.9 |
| 32.5° | 1367.6 | 1342.6 | 1326.3 | 1310.0 |
| 35° | 1314.7 | 1285.5 | 1269.9 | 1254.2 |
| 37.5° | 1258.2 | 1225.5 | 1207.7 | 1189.9 |
| 40° | 1220.5 | 1187.8 | 1164.7 | 1141.5 |
| 42.5° | 1180.2 | 1153.9 | 1124.2 | 1094.5 |
| 45° | 1108.5 | 1092.4 | 1057.3 | 1022.2 |
| 47.5° | 1010.1 | 1014.5 | 979.8 | 945.2 |
| 50° | 934.7 | 958.5 | 925.6 | 892.7 |
| 52.5° | 856.3 | 892.1 | 862.8 | 833.5 |
| 55° | 742.5 | 781.8 | 761.6 | 741.4 |
| 57.5° | 628.0 | 658.8 | 644.6 | 630.4 |
| 60° | 550.9 | 578.9 | 567.7 | 556.5 |
| 62.5° | 480.0 | 509.2 | 499.2 | 489.2 |
| 65° | 385.6 | 416.2 | 406.5 | 396.8 |
| 67.5° | 308.1 | 336.9 | 326.3 | 315.7 |
| 70° | 262.8 | 289.7 | 278.5 | 267.3 |
| 72.5° | 224.7 | 248.2 | 237.6 | 227.0 |
| 75° | 170.9 | 187.9 | 179.7 | 171.5 |
| 77.5° | 123.7 | 134.9 | 129.6 | 124.4 |
| 80° | 94.1 | 102.0 | 99.8 | 97.5 |
| 82.5° | 67.2 | 71.8 | 72.6 | 73.3 |
| 85° | 34.2 | 35.7 | 37.2 | 38.7 |
| 87.5° | 9.9 | 12.1 | 12.1 | 12.1 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P1427995
 CATALOG NUMBER: SQ2W-PP3-OU-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 | 22.63 | 24.16 | 23.00 | 24.47 | 24.78 | 18.40 | 19.93 | 18.77 | 20.24 | 20.56 |
| | 3H | 23.74 | 25.11 | 24.12 | 25.43 | 25.79 | 19.76 | 21.13 | 20.14 | 21.45 | 21.82 |
| | 4H | 24.14 | 25.42 | 24.54 | 25.77 | 26.15 | 20.35 | 21.63 | 20.75 | 21.98 | 22.35 |
| | 6H | 24.37 | 25.55 | 24.78 | 25.91 | 26.30 | 20.75 | 21.92 | 21.16 | 22.29 | 22.68 |
| | 8H | 24.45 | 25.57 | 24.87 | 25.96 | 26.36 | 20.89 | 22.01 | 21.32 | 22.40 | 22.81 |
| | 12H | 24.49 | 25.56 | 24.92 | 25.94 | 26.37 | 20.95 | 22.02 | 21.38 | 22.40 | 22.83 |
| 4H | 2H | 22.83 | 24.11 | 23.23 | 24.46 | 24.84 | 19.39 | 20.67 | 19.79 | 21.02 | 21.40 |
| | 3H | 24.19 | 25.24 | 24.60 | 25.64 | 26.04 | 20.88 | 21.93 | 21.29 | 22.33 | 22.73 |
| | 4H | 24.72 | 25.67 | 25.15 | 26.08 | 26.52 | 21.52 | 22.47 | 21.96 | 22.89 | 23.32 |
| | 6H | 25.07 | 25.89 | 25.53 | 26.33 | 26.79 | 22.00 | 22.83 | 22.46 | 23.27 | 23.73 |
| | 8H | 25.19 | 25.96 | 25.65 | 26.40 | 26.87 | 22.18 | 22.95 | 22.65 | 23.40 | 23.86 |
| | 12H | 25.26 | 25.95 | 25.75 | 26.43 | 26.90 | 22.26 | 22.95 | 22.74 | 23.43 | 23.90 |
| 8H | 4H | 24.78 | 25.55 | 25.25 | 26.00 | 26.46 | 21.88 | 22.65 | 22.34 | 23.09 | 23.56 |
| | 6H | 25.22 | 25.85 | 25.71 | 26.34 | 26.82 | 22.46 | 23.09 | 22.96 | 23.59 | 24.06 |
| | 8H | 25.40 | 25.97 | 25.91 | 26.48 | 26.97 | 22.71 | 23.28 | 23.22 | 23.79 | 24.28 |
| | 12H | 25.52 | 26.03 | 26.03 | 26.52 | 27.09 | 22.83 | 23.34 | 23.34 | 23.83 | 24.40 |
| 12H | 4H | 24.77 | 25.46 | 25.25 | 25.94 | 26.41 | 21.92 | 22.60 | 22.40 | 23.08 | 23.55 |
| | 6H | 25.21 | 25.78 | 25.72 | 26.29 | 26.78 | 22.52 | 23.10 | 23.04 | 23.61 | 24.09 |
| | 8H | 25.43 | 25.94 | 25.94 | 26.43 | 27.00 | 22.83 | 23.33 | 23.34 | 23.83 | 24.39 |