

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: P1435994

Luminaire Tested: SQ2W-FB-K-100U-100D-L930-UNV-STD-W-WM-4

Issue Date: 3/24/2026

Test Information

Test Method: LM-79-2019
Report Number: P1435994
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2303-941-3, G2-2308-131-12)
Test Lab: INNOVATION CENTER
Issue Date: 3/24/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ2W-FB-K-100U-100D-L930-UNV-STD-W-WM-4
Description: CORELITE SQ2W WALL MOUNTED LED LUMINAIRE
DOWNLIGHT - FROSTED CONTINUOUS BATWING ROLL LENS
UPLIGHT - ASYMMETRIC ROLL LENS
DOWNLIGHT 1000 LUMENS PER FOOT
UPLIGHT 1000 LUMENS PER FOOT
Light Source: 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

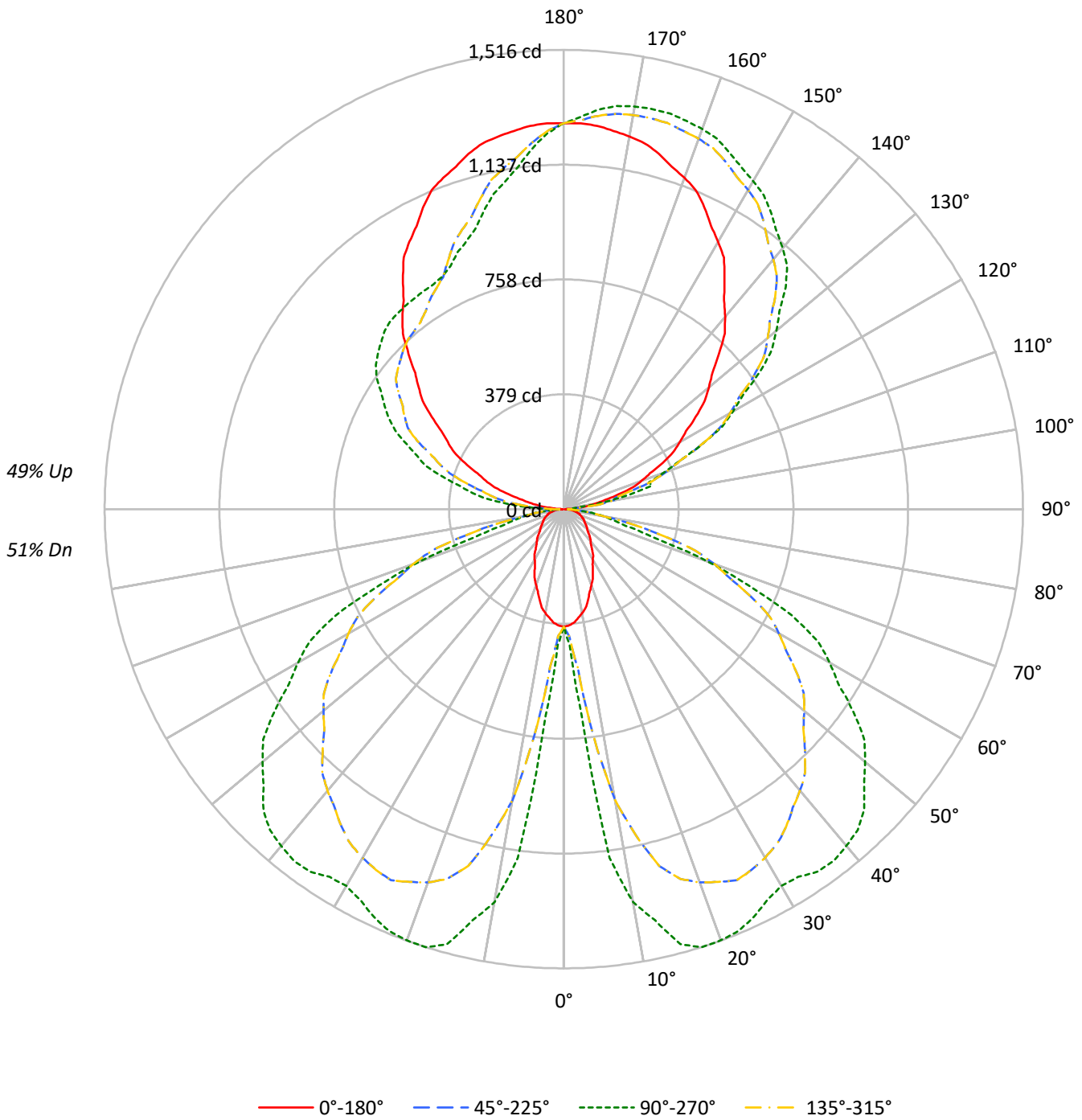
Lumens per Lamp: N/A
Luminaire Lumens: 7556.1 lumens
Efficiency: N/A
Efficacy: 106.9 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 2.98 / 2.52
Luminous Opening: Rectangular (W 0.17' x L: 4' x H: 0')
CIE Type: General Diffuse

Input Watts (W): 70.7
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: P1435994

CATALOG NUMBER: SQ2W-FB-K-100U-100D-L930-UNV-STD-W-WM-4

Luminous Intensity Polar Plot





TEST NUMBER: P1435994

CATALOG NUMBER: SQ2W-FB-K-100U-100D-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 | 0 |
| RCR | | | | | | | | | | | | | | | | | | |
| 0 | 107 | 107 | 107 | 107 | 99 | 99 | 99 | 99 | 84 | 84 | 84 | 70 | 70 | 70 | 57 | 57 | 57 | 51 |
| 1 | 98 | 93 | 89 | 86 | 90 | 86 | 83 | 80 | 73 | 71 | 68 | 61 | 59 | 58 | 50 | 49 | 48 | 42 |
| 2 | 89 | 81 | 75 | 69 | 82 | 75 | 70 | 65 | 64 | 60 | 56 | 53 | 50 | 48 | 43 | 41 | 40 | 35 |
| 3 | 81 | 71 | 63 | 57 | 74 | 66 | 59 | 54 | 56 | 51 | 47 | 47 | 43 | 40 | 38 | 35 | 33 | 29 |
| 4 | 73 | 62 | 54 | 48 | 67 | 58 | 51 | 45 | 49 | 44 | 39 | 41 | 37 | 33 | 34 | 31 | 28 | 24 |
| 5 | 67 | 55 | 47 | 41 | 62 | 51 | 44 | 38 | 44 | 38 | 33 | 37 | 32 | 29 | 30 | 27 | 24 | 21 |
| 6 | 62 | 49 | 41 | 35 | 57 | 46 | 38 | 33 | 39 | 33 | 29 | 33 | 28 | 25 | 27 | 23 | 21 | 18 |
| 7 | 57 | 44 | 36 | 30 | 52 | 41 | 34 | 28 | 35 | 29 | 25 | 30 | 25 | 22 | 24 | 21 | 18 | 16 |
| 8 | 53 | 40 | 32 | 26 | 48 | 37 | 30 | 25 | 32 | 26 | 22 | 27 | 22 | 19 | 22 | 19 | 16 | 14 |
| 9 | 49 | 36 | 29 | 23 | 45 | 34 | 27 | 22 | 29 | 23 | 19 | 25 | 20 | 17 | 20 | 17 | 14 | 12 |
| 10 | 45 | 33 | 26 | 21 | 42 | 31 | 24 | 20 | 27 | 21 | 17 | 23 | 18 | 15 | 19 | 15 | 13 | 11 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|------|-------|------|-------|
| 0° | 6264 | 6264 | 6264 | 6264 |
| 5° | 6107 | 11095 | 6107 | 11095 |
| 10° | 5718 | 21592 | 5718 | 21592 |
| 15° | 5177 | 24852 | 5177 | 24852 |
| 20° | 4584 | 26027 | 4584 | 26027 |
| 25° | 4055 | 26453 | 4055 | 26453 |
| 30° | 3581 | 26779 | 3581 | 26779 |
| 35° | 3199 | 28791 | 3199 | 28791 |
| 40° | 2909 | 30588 | 2909 | 30588 |
| 45° | 2683 | 32030 | 2683 | 32030 |
| 50° | 2529 | 32613 | 2529 | 32613 |
| 55° | 2469 | 32872 | 2469 | 32872 |
| 60° | 2528 | 32708 | 2528 | 32708 |
| 65° | 2636 | 31785 | 2636 | 31785 |
| 70° | 2729 | 24042 | 2729 | 24042 |
| 75° | 3026 | 13269 | 3026 | 13269 |
| 80° | 3124 | 12310 | 3124 | 12310 |
| 85° | 3112 | 5187 | 3112 | 5187 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
 Vertical Angle: 52.5°
 Luminance: 33168 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 65.0 | 0.9 |
| 10°-20° | 296.6 | 3.9 |
| 20°-30° | 522.0 | 6.9 |
| 30°-40° | 675.7 | 8.9 |
| 40°-50° | 745.2 | 9.9 |
| 50°-60° | 695.5 | 9.2 |
| 60°-70° | 537.3 | 7.1 |
| 70°-80° | 247.7 | 3.3 |
| 80°-90° | 52.6 | 0.7 |
| 90°-100° | 101.4 | 1.3 |
| 100°-110° | 295.6 | 3.9 |
| 110°-120° | 482.4 | 6.4 |
| 120°-130° | 612.1 | 8.1 |
| 130°-140° | 655.0 | 8.7 |
| 140°-150° | 611.6 | 8.1 |
| 150°-160° | 503.3 | 6.7 |
| 160°-170° | 337.5 | 4.5 |
| 170°-180° | 119.8 | 1.6 |
| 0°-30° | 883.6 | 11.7 |
| 0°-40° | 1559.3 | 20.6 |
| 0°-60° | 2999.9 | 39.7 |
| 0°-90° | 3837.5 | 50.8 |
| 90°-120° | 879.3 | 11.6 |
| 90°-150° | 2758.0 | 36.5 |
| 90°-180° | 3719.0 | 49.2 |
| 0°-180° | 7556.1 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 388 | 388 | 388 | 388 | 388 | |
| 5° | 377 | 685 | 377 | 685 | 377 | 35 |
| 15° | 310 | 1487 | 310 | 1487 | 310 | 86 |
| 25° | 228 | 1485 | 228 | 1485 | 228 | 105 |
| 35° | 162 | 1461 | 162 | 1461 | 162 | 102 |
| 45° | 118 | 1403 | 118 | 1403 | 118 | 91 |
| 55° | 88 | 1168 | 88 | 1168 | 88 | 79 |
| 65° | 69 | 832 | 69 | 832 | 69 | 68 |
| 75° | 48 | 213 | 48 | 213 | 48 | 50 |
| 85° | 17 | 28 | 17 | 28 | 17 | 18 |
| 90° | 4 | 28 | 4 | 55 | 4 | 4 |
| 95° | 40 | 30 | 40 | 174 | 40 | 48 |
| 105° | 188 | 301 | 188 | 414 | 188 | 200 |
| 115° | 360 | 499 | 360 | 615 | 360 | 355 |
| 125° | 533 | 791 | 533 | 754 | 533 | 477 |
| 135° | 724 | 1036 | 724 | 835 | 724 | 560 |
| 145° | 925 | 1194 | 925 | 853 | 925 | 579 |
| 155° | 1099 | 1297 | 1099 | 885 | 1099 | 505 |
| 165° | 1214 | 1352 | 1214 | 1019 | 1214 | 342 |
| 175° | 1270 | 1324 | 1270 | 1195 | 1270 | 120 |
| 180° | 1274 | 1274 | 1274 | 1274 | 1274 | |



TEST NUMBER: P1435994

CATALOG NUMBER: SQ2W-FB-K-100U-100D-L930-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 30° | 40° | 50° | 60° | 70° | 80° | 90° | 100° |
|--------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 388.0 | 388.0 | 388.0 | 388.0 | 388.0 | 388.0 | 388.0 | 388.0 | 388.0 | 388.0 | 388.0 |
| 2.5° | 385.0 | 392.3 | 399.6 | 407.4 | 415.4 | 424.0 | 433.3 | 441.2 | 445.2 | 449.2 | 445.2 |
| 5° | 376.8 | 401.7 | 426.6 | 462.6 | 502.4 | 547.6 | 598.2 | 641.5 | 663.1 | 684.6 | 663.1 |
| 7.5° | 362.3 | 412.8 | 463.4 | 570.6 | 696.6 | 827.4 | 963.1 | 1075.6 | 1118.7 | 1161.8 | 1118.7 |
| 10° | 348.8 | 419.3 | 489.8 | 671.6 | 890.5 | 1058.8 | 1176.5 | 1270.6 | 1293.8 | 1317.0 | 1293.8 |
| 12.5° | 333.9 | 429.6 | 525.3 | 749.7 | 1017.0 | 1191.9 | 1274.5 | 1342.4 | 1366.3 | 1390.1 | 1366.3 |
| 15° | 309.7 | 446.5 | 583.3 | 837.0 | 1129.6 | 1309.6 | 1376.7 | 1433.7 | 1460.2 | 1486.8 | 1460.2 |
| 17.5° | 284.7 | 466.7 | 648.8 | 907.6 | 1192.0 | 1367.4 | 1433.9 | 1487.4 | 1501.8 | 1516.3 | 1501.8 |
| 20° | 266.8 | 480.7 | 694.6 | 953.9 | 1228.3 | 1394.1 | 1451.3 | 1496.5 | 1505.6 | 1514.8 | 1505.6 |
| 22.5° | 250.3 | 489.5 | 728.6 | 988.2 | 1254.7 | 1409.5 | 1452.8 | 1487.7 | 1497.5 | 1507.3 | 1497.5 |
| 25° | 227.6 | 497.0 | 766.5 | 1025.4 | 1280.7 | 1422.1 | 1449.5 | 1471.6 | 1478.3 | 1484.9 | 1478.3 |
| 27.5° | 205.6 | 490.3 | 775.0 | 1030.6 | 1276.5 | 1408.4 | 1426.3 | 1441.4 | 1447.9 | 1454.3 | 1447.9 |
| 30° | 192.1 | 481.5 | 770.9 | 1024.1 | 1265.4 | 1392.7 | 1405.9 | 1418.2 | 1427.3 | 1436.4 | 1427.3 |
| 32.5° | 180.2 | 470.9 | 761.6 | 1011.7 | 1248.3 | 1372.9 | 1385.5 | 1399.9 | 1419.7 | 1439.4 | 1419.7 |
| 35° | 162.3 | 448.3 | 734.4 | 981.9 | 1216.5 | 1343.8 | 1363.7 | 1387.7 | 1424.2 | 1460.7 | 1424.2 |
| 37.5° | 147.0 | 419.4 | 691.9 | 936.8 | 1172.6 | 1311.3 | 1353.0 | 1393.0 | 1428.1 | 1463.3 | 1428.1 |
| 40° | 138.0 | 399.2 | 660.4 | 903.5 | 1140.6 | 1287.0 | 1342.5 | 1391.6 | 1421.5 | 1451.3 | 1421.5 |
| 42.5° | 129.1 | 376.3 | 623.6 | 864.7 | 1103.8 | 1255.8 | 1320.6 | 1376.7 | 1406.6 | 1436.4 | 1406.6 |
| 45° | 117.5 | 339.7 | 561.9 | 800.9 | 1045.5 | 1205.9 | 1282.2 | 1346.5 | 1374.6 | 1402.8 | 1374.6 |
| 47.5° | 106.7 | 299.7 | 492.7 | 732.8 | 988.4 | 1156.8 | 1237.7 | 1303.5 | 1324.1 | 1344.6 | 1324.1 |
| 50° | 100.7 | 273.2 | 445.6 | 686.5 | 950.1 | 1121.8 | 1201.4 | 1265.2 | 1281.8 | 1298.4 | 1281.8 |
| 52.5° | 94.8 | 247.3 | 399.9 | 641.2 | 912.2 | 1085.1 | 1160.1 | 1220.1 | 1235.4 | 1250.6 | 1235.4 |
| 55° | 87.7 | 212.0 | 336.4 | 575.2 | 852.1 | 1023.3 | 1088.8 | 1141.3 | 1154.5 | 1167.8 | 1154.5 |
| 57.5° | 81.3 | 181.7 | 282.0 | 513.3 | 788.2 | 953.6 | 1009.5 | 1054.1 | 1064.9 | 1075.6 | 1064.9 |
| 60° | 78.3 | 165.4 | 252.5 | 474.5 | 741.4 | 900.2 | 950.8 | 991.4 | 1002.2 | 1012.9 | 1002.2 |
| 62.5° | 73.9 | 149.7 | 225.4 | 435.6 | 690.7 | 841.5 | 888.1 | 925.6 | 935.7 | 945.8 | 935.7 |
| 65° | 69.0 | 130.4 | 191.7 | 381.2 | 613.3 | 748.9 | 787.8 | 818.7 | 825.4 | 832.0 | 825.4 |
| 67.5° | 62.3 | 114.4 | 166.4 | 331.3 | 533.8 | 647.1 | 671.3 | 686.4 | 673.9 | 661.5 | 673.9 |
| 70° | 57.8 | 105.9 | 154.0 | 301.0 | 480.9 | 575.0 | 583.3 | 580.6 | 544.9 | 509.3 | 544.9 |
| 72.5° | 54.8 | 97.6 | 140.4 | 267.6 | 423.0 | 491.6 | 473.3 | 442.8 | 375.3 | 307.8 | 375.3 |
| 75° | 48.5 | 83.3 | 118.1 | 213.9 | 330.0 | 348.2 | 268.6 | 209.3 | 211.0 | 212.7 | 211.0 |
| 77.5° | 39.5 | 65.6 | 91.6 | 150.5 | 220.3 | 234.1 | 192.0 | 160.8 | 162.3 | 163.8 | 162.3 |
| 80° | 33.6 | 54.3 | 75.0 | 98.2 | 122.3 | 133.5 | 131.8 | 130.8 | 131.6 | 132.4 | 131.6 |
| 82.5° | 27.6 | 43.0 | 58.5 | 72.4 | 85.8 | 93.4 | 95.0 | 96.0 | 94.8 | 93.6 | 94.8 |
| 85° | 16.8 | 25.9 | 35.0 | 40.4 | 44.6 | 43.3 | 36.7 | 31.3 | 29.6 | 28.0 | 29.6 |
| 87.5° | 6.7 | 11.1 | 15.7 | 15.6 | 13.7 | 12.6 | 12.6 | 12.9 | 13.1 | 13.1 | 13.1 |
| 90° | 3.9 | 9.0 | 15.4 | 20.6 | 24.4 | 25.7 | 25.7 | 27.0 | 28.3 | 28.3 | 28.3 |
| 92.5° | 14.2 | 22.4 | 22.6 | 22.6 | 27.5 | 29.8 | 31.9 | 32.2 | 33.4 | 33.4 | 33.4 |
| 95° | 39.9 | 43.7 | 65.6 | 64.3 | 43.7 | 34.7 | 29.6 | 29.6 | 29.6 | 29.6 | 29.6 |
| 97.5° | 76.2 | 81.8 | 85.4 | 114.5 | 120.9 | 116.8 | 95.2 | 80.0 | 71.5 | 67.7 | 71.5 |
| 100° | 108.1 | 110.6 | 118.4 | 119.6 | 151.8 | 182.7 | 167.2 | 147.9 | 141.5 | 137.6 | 141.5 |
| 102.5° | 140.0 | 141.5 | 153.3 | 158.7 | 166.2 | 183.7 | 237.2 | 231.3 | 226.9 | 226.2 | 226.9 |
| 105° | 187.8 | 189.1 | 211.0 | 221.3 | 226.4 | 226.4 | 225.1 | 250.9 | 292.0 | 301.0 | 292.0 |
| 107.5° | 239.0 | 244.9 | 270.7 | 298.2 | 304.1 | 305.7 | 299.0 | 295.1 | 293.6 | 294.6 | 293.6 |
| 110° | 274.0 | 283.0 | 313.9 | 348.6 | 357.6 | 360.2 | 357.6 | 353.8 | 351.2 | 351.2 | 351.2 |



TEST NUMBER: P1435994

CATALOG NUMBER: SQ2W-FB-K-100U-100D-L930-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 0° | 10° | 20° | 30° | 40° | 50° | 60° | 70° | 80° | 90° | 100° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 308.0 | 321.1 | 356.1 | 396.0 | 411.1 | 418.9 | 413.2 | 410.4 | 407.8 | 409.9 | 407.8 |
| 115° | 360.2 | 379.5 | 425.8 | 467.0 | 497.9 | 501.7 | 500.4 | 500.4 | 499.1 | 499.1 | 499.1 |
| 117.5° | 408.6 | 439.5 | 491.4 | 539.3 | 575.0 | 585.3 | 590.5 | 588.9 | 587.4 | 590.0 | 587.4 |
| 120° | 442.5 | 478.6 | 537.7 | 591.8 | 626.5 | 641.9 | 647.1 | 644.5 | 647.1 | 644.5 | 647.1 |
| 122.5° | 478.6 | 522.8 | 581.0 | 637.0 | 678.0 | 695.5 | 701.6 | 702.1 | 702.7 | 701.1 | 702.7 |
| 125° | 532.6 | 586.6 | 654.8 | 712.7 | 755.1 | 775.7 | 780.9 | 782.2 | 784.7 | 791.2 | 784.7 |
| 127.5° | 587.1 | 648.4 | 723.2 | 779.1 | 822.6 | 847.5 | 855.5 | 858.3 | 863.7 | 866.6 | 863.7 |
| 130° | 625.2 | 694.7 | 770.6 | 823.3 | 865.8 | 892.8 | 906.9 | 910.8 | 917.2 | 916.0 | 917.2 |
| 132.5° | 665.4 | 737.9 | 814.8 | 869.6 | 909.0 | 938.1 | 950.2 | 961.2 | 963.5 | 965.4 | 963.5 |
| 135° | 724.3 | 802.7 | 879.9 | 934.0 | 971.3 | 999.6 | 1015.0 | 1025.3 | 1031.7 | 1035.6 | 1031.7 |
| 137.5° | 786.3 | 869.1 | 943.2 | 991.3 | 1028.9 | 1053.3 | 1070.8 | 1081.6 | 1088.3 | 1091.4 | 1088.3 |
| 140° | 828.5 | 908.2 | 980.3 | 1030.4 | 1063.9 | 1088.3 | 1103.8 | 1116.6 | 1124.4 | 1124.4 | 1124.4 |
| 142.5° | 868.6 | 947.3 | 1017.3 | 1067.5 | 1096.8 | 1119.2 | 1135.7 | 1145.5 | 1154.2 | 1154.2 | 1154.2 |
| 145° | 925.0 | 1003.4 | 1067.8 | 1117.9 | 1142.4 | 1162.9 | 1181.0 | 1188.7 | 1193.8 | 1193.8 | 1193.8 |
| 147.5° | 983.9 | 1053.3 | 1112.0 | 1160.1 | 1180.7 | 1204.9 | 1219.0 | 1225.2 | 1231.6 | 1228.8 | 1231.6 |
| 150° | 1018.9 | 1083.2 | 1139.8 | 1184.8 | 1205.4 | 1228.6 | 1242.7 | 1247.9 | 1254.3 | 1250.4 | 1254.3 |
| 152.5° | 1052.8 | 1114.1 | 1165.5 | 1207.5 | 1225.0 | 1248.1 | 1264.3 | 1269.5 | 1273.8 | 1271.0 | 1273.8 |
| 155° | 1098.6 | 1152.7 | 1200.3 | 1238.8 | 1254.3 | 1276.2 | 1291.6 | 1298.0 | 1303.2 | 1296.7 | 1303.2 |
| 157.5° | 1139.5 | 1186.1 | 1227.5 | 1263.0 | 1279.5 | 1298.3 | 1312.7 | 1320.7 | 1325.8 | 1323.0 | 1325.8 |
| 160° | 1164.2 | 1206.7 | 1244.0 | 1277.4 | 1292.9 | 1309.6 | 1325.0 | 1334.0 | 1339.2 | 1335.3 | 1339.2 |
| 162.5° | 1184.8 | 1223.2 | 1258.4 | 1288.8 | 1302.1 | 1316.8 | 1335.3 | 1343.3 | 1348.5 | 1343.6 | 1348.5 |
| 165° | 1214.4 | 1245.3 | 1276.2 | 1301.9 | 1313.5 | 1325.0 | 1344.3 | 1353.3 | 1357.2 | 1352.1 | 1357.2 |
| 167.5° | 1236.8 | 1260.5 | 1285.4 | 1307.5 | 1316.0 | 1327.4 | 1346.7 | 1354.1 | 1359.0 | 1352.6 | 1359.0 |
| 170° | 1249.1 | 1269.7 | 1291.6 | 1309.6 | 1316.0 | 1326.3 | 1345.6 | 1352.1 | 1355.9 | 1349.5 | 1355.9 |
| 172.5° | 1259.4 | 1274.9 | 1292.6 | 1308.6 | 1311.9 | 1320.2 | 1338.4 | 1344.9 | 1347.7 | 1342.3 | 1347.7 |
| 175° | 1269.7 | 1278.7 | 1291.6 | 1301.9 | 1300.6 | 1305.7 | 1321.2 | 1326.3 | 1331.5 | 1323.8 | 1331.5 |
| 177.5° | 1274.6 | 1278.7 | 1282.8 | 1289.0 | 1284.9 | 1284.9 | 1296.2 | 1299.3 | 1300.3 | 1296.2 | 1300.3 |
| 180° | 1273.6 | 1273.6 | 1273.6 | 1273.6 | 1273.6 | 1273.6 | 1273.6 | 1273.6 | 1273.6 | 1273.6 | 1273.6 |



TEST NUMBER: P1435994

CATALOG NUMBER: SQ2W-FB-K-100U-100D-L930-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 110° | 120° | 130° | 140° | 150° | 160° | 170° | 180° | 190° | 200° | 210° |
|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|--------|
| 0° | 388.0 | 388.0 | 388.0 | 388.0 | 388.0 | 388.0 | 388.0 | 388.0 | 388.0 | 388.0 | 388.0 |
| 2.5° | 441.2 | 433.3 | 424.0 | 415.4 | 407.4 | 399.6 | 392.3 | 385.0 | 392.3 | 399.6 | 407.4 |
| 5° | 641.5 | 598.2 | 547.6 | 502.4 | 462.6 | 426.6 | 401.7 | 376.8 | 401.7 | 426.6 | 462.6 |
| 7.5° | 1075.6 | 963.1 | 827.4 | 696.6 | 570.6 | 463.4 | 412.8 | 362.3 | 412.8 | 463.4 | 570.6 |
| 10° | 1270.6 | 1176.5 | 1058.8 | 890.5 | 671.6 | 489.8 | 419.3 | 348.8 | 419.3 | 489.8 | 671.6 |
| 12.5° | 1342.4 | 1274.5 | 1191.9 | 1017.0 | 749.7 | 525.3 | 429.6 | 333.9 | 429.6 | 525.3 | 749.7 |
| 15° | 1433.7 | 1376.7 | 1309.6 | 1129.6 | 837.0 | 583.3 | 446.5 | 309.7 | 446.5 | 583.3 | 837.0 |
| 17.5° | 1487.4 | 1433.9 | 1367.4 | 1192.0 | 907.6 | 648.8 | 466.7 | 284.7 | 466.7 | 648.8 | 907.6 |
| 20° | 1496.5 | 1451.3 | 1394.1 | 1228.3 | 953.9 | 694.6 | 480.7 | 266.8 | 480.7 | 694.6 | 953.9 |
| 22.5° | 1487.7 | 1452.8 | 1409.5 | 1254.7 | 988.2 | 728.6 | 489.5 | 250.3 | 489.5 | 728.6 | 988.2 |
| 25° | 1471.6 | 1449.5 | 1422.1 | 1280.7 | 1025.4 | 766.5 | 497.0 | 227.6 | 497.0 | 766.5 | 1025.4 |
| 27.5° | 1441.4 | 1426.3 | 1408.4 | 1276.5 | 1030.6 | 775.0 | 490.3 | 205.6 | 490.3 | 775.0 | 1030.6 |
| 30° | 1418.2 | 1405.9 | 1392.7 | 1265.4 | 1024.1 | 770.9 | 481.5 | 192.1 | 481.5 | 770.9 | 1024.1 |
| 32.5° | 1399.9 | 1385.5 | 1372.9 | 1248.3 | 1011.7 | 761.6 | 470.9 | 180.2 | 470.9 | 761.6 | 1011.7 |
| 35° | 1387.7 | 1363.7 | 1343.8 | 1216.5 | 981.9 | 734.4 | 448.3 | 162.3 | 448.3 | 734.4 | 981.9 |
| 37.5° | 1393.0 | 1353.0 | 1311.3 | 1172.6 | 936.8 | 691.9 | 419.4 | 147.0 | 419.4 | 691.9 | 936.8 |
| 40° | 1391.6 | 1342.5 | 1287.0 | 1140.6 | 903.5 | 660.4 | 399.2 | 138.0 | 399.2 | 660.4 | 903.5 |
| 42.5° | 1376.7 | 1320.6 | 1255.8 | 1103.8 | 864.7 | 623.6 | 376.3 | 129.1 | 376.3 | 623.6 | 864.7 |
| 45° | 1346.5 | 1282.2 | 1205.9 | 1045.5 | 800.9 | 561.9 | 339.7 | 117.5 | 339.7 | 561.9 | 800.9 |
| 47.5° | 1303.5 | 1237.7 | 1156.8 | 988.4 | 732.8 | 492.7 | 299.7 | 106.7 | 299.7 | 492.7 | 732.8 |
| 50° | 1265.2 | 1201.4 | 1121.8 | 950.1 | 686.5 | 445.6 | 273.2 | 100.7 | 273.2 | 445.6 | 686.5 |
| 52.5° | 1220.1 | 1160.1 | 1085.1 | 912.2 | 641.2 | 399.9 | 247.3 | 94.8 | 247.3 | 399.9 | 641.2 |
| 55° | 1141.3 | 1088.8 | 1023.3 | 852.1 | 575.2 | 336.4 | 212.0 | 87.7 | 212.0 | 336.4 | 575.2 |
| 57.5° | 1054.1 | 1009.5 | 953.6 | 788.2 | 513.3 | 282.0 | 181.7 | 81.3 | 181.7 | 282.0 | 513.3 |
| 60° | 991.4 | 950.8 | 900.2 | 741.4 | 474.5 | 252.5 | 165.4 | 78.3 | 165.4 | 252.5 | 474.5 |
| 62.5° | 925.6 | 888.1 | 841.5 | 690.7 | 435.6 | 225.4 | 149.7 | 73.9 | 149.7 | 225.4 | 435.6 |
| 65° | 818.7 | 787.8 | 748.9 | 613.3 | 381.2 | 191.7 | 130.4 | 69.0 | 130.4 | 191.7 | 381.2 |
| 67.5° | 686.4 | 671.3 | 647.1 | 533.8 | 331.3 | 166.4 | 114.4 | 62.3 | 114.4 | 166.4 | 331.3 |
| 70° | 580.6 | 583.3 | 575.0 | 480.9 | 301.0 | 154.0 | 105.9 | 57.8 | 105.9 | 154.0 | 301.0 |
| 72.5° | 442.8 | 473.3 | 491.6 | 423.0 | 267.6 | 140.4 | 97.6 | 54.8 | 97.6 | 140.4 | 267.6 |
| 75° | 209.3 | 268.6 | 348.2 | 330.0 | 213.9 | 118.1 | 83.3 | 48.5 | 83.3 | 118.1 | 213.9 |
| 77.5° | 160.8 | 192.0 | 234.1 | 220.3 | 150.5 | 91.6 | 65.6 | 39.5 | 65.6 | 91.6 | 150.5 |
| 80° | 130.8 | 131.8 | 133.5 | 122.3 | 98.2 | 75.0 | 54.3 | 33.6 | 54.3 | 75.0 | 98.2 |
| 82.5° | 96.0 | 95.0 | 93.4 | 85.8 | 72.4 | 58.5 | 43.0 | 27.6 | 43.0 | 58.5 | 72.4 |
| 85° | 31.3 | 36.7 | 43.3 | 44.6 | 40.4 | 35.0 | 25.9 | 16.8 | 25.9 | 35.0 | 40.4 |
| 87.5° | 12.9 | 12.6 | 12.6 | 13.7 | 15.6 | 15.7 | 11.1 | 6.7 | 11.1 | 15.4 | 16.1 |
| 90° | 27.0 | 25.7 | 25.7 | 24.4 | 20.6 | 15.4 | 9.0 | 3.9 | 9.0 | 14.2 | 23.2 |
| 92.5° | 32.2 | 31.9 | 29.8 | 27.5 | 22.6 | 22.6 | 22.4 | 14.2 | 24.4 | 34.7 | 49.9 |
| 95° | 29.6 | 29.6 | 34.7 | 43.7 | 64.3 | 65.6 | 43.7 | 39.9 | 56.6 | 79.8 | 100.3 |
| 97.5° | 80.0 | 95.2 | 116.8 | 120.9 | 114.5 | 85.4 | 81.8 | 76.2 | 103.7 | 126.6 | 159.8 |
| 100° | 147.9 | 167.2 | 182.7 | 151.8 | 119.6 | 118.4 | 110.6 | 108.1 | 137.6 | 159.5 | 191.7 |
| 102.5° | 231.3 | 237.2 | 183.7 | 166.2 | 158.7 | 153.3 | 141.5 | 140.0 | 169.6 | 199.7 | 226.7 |
| 105° | 250.9 | 225.1 | 226.4 | 226.4 | 221.3 | 211.0 | 189.1 | 187.8 | 221.3 | 256.0 | 289.5 |
| 107.5° | 295.1 | 299.0 | 305.7 | 304.1 | 298.2 | 270.7 | 244.9 | 239.0 | 269.1 | 310.8 | 347.6 |
| 110° | 353.8 | 357.6 | 360.2 | 357.6 | 348.6 | 313.9 | 283.0 | 274.0 | 301.0 | 344.8 | 384.6 |



TEST NUMBER: P1435994

CATALOG NUMBER: SQ2W-FB-K-100U-100D-L930-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 110° | 120° | 130° | 140° | 150° | 160° | 170° | 180° | 190° | 200° | 210° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 410.4 | 413.2 | 418.9 | 411.1 | 396.0 | 356.1 | 321.1 | 308.0 | 335.0 | 379.8 | 420.7 |
| 115° | 500.4 | 500.4 | 501.7 | 497.9 | 467.0 | 425.8 | 379.5 | 360.2 | 383.4 | 424.5 | 469.6 |
| 117.5° | 588.9 | 590.5 | 585.3 | 575.0 | 539.3 | 491.4 | 439.5 | 408.6 | 426.8 | 470.3 | 516.6 |
| 120° | 644.5 | 647.1 | 641.9 | 626.5 | 591.8 | 537.7 | 478.6 | 442.5 | 456.7 | 499.1 | 545.5 |
| 122.5° | 702.1 | 701.6 | 695.5 | 678.0 | 637.0 | 581.0 | 522.8 | 478.6 | 484.5 | 523.8 | 569.1 |
| 125° | 782.2 | 780.9 | 775.7 | 755.1 | 712.7 | 654.8 | 586.6 | 532.6 | 524.9 | 558.3 | 604.6 |
| 127.5° | 858.3 | 855.5 | 847.5 | 822.6 | 779.1 | 723.2 | 648.4 | 587.1 | 569.9 | 591.0 | 633.4 |
| 130° | 910.8 | 906.9 | 892.8 | 865.8 | 823.3 | 770.6 | 694.7 | 625.2 | 600.8 | 613.6 | 650.9 |
| 132.5° | 961.2 | 950.2 | 938.1 | 909.0 | 869.6 | 814.8 | 737.9 | 665.4 | 631.6 | 637.3 | 666.4 |
| 135° | 1025.3 | 1015.0 | 999.6 | 971.3 | 934.0 | 879.9 | 802.7 | 724.3 | 678.0 | 672.8 | 689.5 |
| 137.5° | 1081.6 | 1070.8 | 1053.3 | 1028.9 | 991.3 | 943.2 | 869.1 | 786.3 | 727.9 | 710.6 | 717.1 |
| 140° | 1116.6 | 1103.8 | 1088.3 | 1063.9 | 1030.4 | 980.3 | 908.2 | 828.5 | 762.9 | 738.4 | 734.6 |
| 142.5° | 1145.5 | 1135.7 | 1119.2 | 1096.8 | 1067.5 | 1017.3 | 947.3 | 868.6 | 798.9 | 767.2 | 758.2 |
| 145° | 1188.7 | 1181.0 | 1162.9 | 1142.4 | 1117.9 | 1067.8 | 1003.4 | 925.0 | 855.5 | 814.3 | 795.0 |
| 147.5° | 1225.2 | 1219.0 | 1204.9 | 1180.7 | 1160.1 | 1112.0 | 1053.3 | 983.9 | 912.6 | 861.7 | 836.7 |
| 150° | 1247.9 | 1242.7 | 1228.6 | 1205.4 | 1184.8 | 1139.8 | 1083.2 | 1018.9 | 950.7 | 896.7 | 864.5 |
| 152.5° | 1269.5 | 1264.3 | 1248.1 | 1225.0 | 1207.5 | 1165.5 | 1114.1 | 1052.8 | 983.6 | 929.6 | 896.4 |
| 155° | 1298.0 | 1291.6 | 1276.2 | 1254.3 | 1238.8 | 1200.3 | 1152.7 | 1098.6 | 1039.4 | 982.8 | 945.5 |
| 157.5° | 1320.7 | 1312.7 | 1298.3 | 1279.5 | 1263.0 | 1227.5 | 1186.1 | 1139.5 | 1087.8 | 1033.8 | 995.7 |
| 160° | 1334.0 | 1325.0 | 1309.6 | 1292.9 | 1277.4 | 1244.0 | 1206.7 | 1164.2 | 1116.6 | 1067.8 | 1026.6 |
| 162.5° | 1343.3 | 1335.3 | 1316.8 | 1302.1 | 1288.8 | 1258.4 | 1223.2 | 1184.8 | 1142.4 | 1099.7 | 1061.6 |
| 165° | 1353.3 | 1344.3 | 1325.0 | 1313.5 | 1301.9 | 1276.2 | 1245.3 | 1214.4 | 1178.4 | 1143.7 | 1112.8 |
| 167.5° | 1354.1 | 1346.7 | 1327.4 | 1316.0 | 1307.5 | 1285.4 | 1260.5 | 1236.8 | 1208.7 | 1181.5 | 1155.7 |
| 170° | 1352.1 | 1345.6 | 1326.3 | 1316.0 | 1309.6 | 1291.6 | 1269.7 | 1249.1 | 1227.3 | 1204.1 | 1183.5 |
| 172.5° | 1344.9 | 1338.4 | 1320.2 | 1311.9 | 1308.6 | 1292.6 | 1274.9 | 1259.4 | 1240.7 | 1223.7 | 1207.2 |
| 175° | 1326.3 | 1321.2 | 1305.7 | 1300.6 | 1301.9 | 1291.6 | 1278.7 | 1269.7 | 1258.1 | 1247.9 | 1238.8 |
| 177.5° | 1299.3 | 1296.2 | 1284.9 | 1284.9 | 1289.0 | 1282.8 | 1278.7 | 1274.6 | 1269.5 | 1266.4 | 1263.3 |
| 180° | 1273.6 | 1273.6 | 1273.6 | 1273.6 | 1273.6 | 1273.6 | 1273.6 | 1273.6 | 1273.6 | 1273.6 | 1273.6 |

TEST NUMBER: P1435994

CATALOG NUMBER: SQ2W-FB-K-100U-100D-L930-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 220° | 230° | 240° | 250° | 260° | 270° | 280° | 290° | 300° | 310° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 388.0 | 388.0 | 388.0 | 388.0 | 388.0 | 388.0 | 388.0 | 388.0 | 388.0 | 388.0 | 388.0 |
| 2.5° | 415.4 | 424.0 | 433.3 | 441.2 | 445.2 | 449.2 | 445.2 | 441.2 | 433.3 | 424.0 | 415.4 |
| 5° | 502.4 | 547.6 | 598.2 | 641.5 | 663.1 | 684.6 | 663.1 | 641.5 | 598.2 | 547.6 | 502.4 |
| 7.5° | 696.6 | 827.4 | 963.1 | 1075.6 | 1118.7 | 1161.8 | 1118.7 | 1075.6 | 963.1 | 827.4 | 696.6 |
| 10° | 890.5 | 1058.8 | 1176.5 | 1270.6 | 1293.8 | 1317.0 | 1293.8 | 1270.6 | 1176.5 | 1058.8 | 890.5 |
| 12.5° | 1017.0 | 1191.9 | 1274.5 | 1342.4 | 1366.3 | 1390.1 | 1366.3 | 1342.4 | 1274.5 | 1191.9 | 1017.0 |
| 15° | 1129.6 | 1309.6 | 1376.7 | 1433.7 | 1460.2 | 1486.8 | 1460.2 | 1433.7 | 1376.7 | 1309.6 | 1129.6 |
| 17.5° | 1192.0 | 1367.4 | 1433.9 | 1487.4 | 1501.8 | 1516.3 | 1501.8 | 1487.4 | 1433.9 | 1367.4 | 1192.0 |
| 20° | 1228.3 | 1394.1 | 1451.3 | 1496.5 | 1505.6 | 1514.8 | 1505.6 | 1496.5 | 1451.3 | 1394.1 | 1228.3 |
| 22.5° | 1254.7 | 1409.5 | 1452.8 | 1487.7 | 1497.5 | 1507.3 | 1497.5 | 1487.7 | 1452.8 | 1409.5 | 1254.7 |
| 25° | 1280.7 | 1422.1 | 1449.5 | 1471.6 | 1478.3 | 1484.9 | 1478.3 | 1471.6 | 1449.5 | 1422.1 | 1280.7 |
| 27.5° | 1276.5 | 1408.4 | 1426.3 | 1441.4 | 1447.9 | 1454.3 | 1447.9 | 1441.4 | 1426.3 | 1408.4 | 1276.5 |
| 30° | 1265.4 | 1392.7 | 1405.9 | 1418.2 | 1427.3 | 1436.4 | 1427.3 | 1418.2 | 1405.9 | 1392.7 | 1265.4 |
| 32.5° | 1248.3 | 1372.9 | 1385.5 | 1399.9 | 1419.7 | 1439.4 | 1419.7 | 1399.9 | 1385.5 | 1372.9 | 1248.3 |
| 35° | 1216.5 | 1343.8 | 1363.7 | 1387.7 | 1424.2 | 1460.7 | 1424.2 | 1387.7 | 1363.7 | 1343.8 | 1216.5 |
| 37.5° | 1172.6 | 1311.3 | 1353.0 | 1393.0 | 1428.1 | 1463.3 | 1428.1 | 1393.0 | 1353.0 | 1311.3 | 1172.6 |
| 40° | 1140.6 | 1287.0 | 1342.5 | 1391.6 | 1421.5 | 1451.3 | 1421.5 | 1391.6 | 1342.5 | 1287.0 | 1140.6 |
| 42.5° | 1103.8 | 1255.8 | 1320.6 | 1376.7 | 1406.6 | 1436.4 | 1406.6 | 1376.7 | 1320.6 | 1255.8 | 1103.8 |
| 45° | 1045.5 | 1205.9 | 1282.2 | 1346.5 | 1374.6 | 1402.8 | 1374.6 | 1346.5 | 1282.2 | 1205.9 | 1045.5 |
| 47.5° | 988.4 | 1156.8 | 1237.7 | 1303.5 | 1324.1 | 1344.6 | 1324.1 | 1303.5 | 1237.7 | 1156.8 | 988.4 |
| 50° | 950.1 | 1121.8 | 1201.4 | 1265.2 | 1281.8 | 1298.4 | 1281.8 | 1265.2 | 1201.4 | 1121.8 | 950.1 |
| 52.5° | 912.2 | 1085.1 | 1160.1 | 1220.1 | 1235.4 | 1250.6 | 1235.4 | 1220.1 | 1160.1 | 1085.1 | 912.2 |
| 55° | 852.1 | 1023.3 | 1088.8 | 1141.3 | 1154.5 | 1167.8 | 1154.5 | 1141.3 | 1088.8 | 1023.3 | 852.1 |
| 57.5° | 788.2 | 953.6 | 1009.5 | 1054.1 | 1064.9 | 1075.6 | 1064.9 | 1054.1 | 1009.5 | 953.6 | 788.2 |
| 60° | 741.4 | 900.2 | 950.8 | 991.4 | 1002.2 | 1012.9 | 1002.2 | 991.4 | 950.8 | 900.2 | 741.4 |
| 62.5° | 690.7 | 841.5 | 888.1 | 925.6 | 935.7 | 945.8 | 935.7 | 925.6 | 888.1 | 841.5 | 690.7 |
| 65° | 613.3 | 748.9 | 787.8 | 818.7 | 825.4 | 832.0 | 825.4 | 818.7 | 787.8 | 748.9 | 613.3 |
| 67.5° | 533.8 | 647.1 | 671.3 | 686.4 | 673.9 | 661.5 | 673.9 | 686.4 | 671.3 | 647.1 | 533.8 |
| 70° | 480.9 | 575.0 | 583.3 | 580.6 | 544.9 | 509.3 | 544.9 | 580.6 | 583.3 | 575.0 | 480.9 |
| 72.5° | 423.0 | 491.6 | 473.3 | 442.8 | 375.3 | 307.8 | 375.3 | 442.8 | 473.3 | 491.6 | 423.0 |
| 75° | 330.0 | 348.2 | 268.6 | 209.3 | 211.0 | 212.7 | 211.0 | 209.3 | 268.6 | 348.2 | 330.0 |
| 77.5° | 220.3 | 234.1 | 192.0 | 160.8 | 162.3 | 163.8 | 162.3 | 160.8 | 192.0 | 234.1 | 220.3 |
| 80° | 122.3 | 133.5 | 131.8 | 130.8 | 131.6 | 132.4 | 131.6 | 130.8 | 133.5 | 131.8 | 122.3 |
| 82.5° | 85.8 | 93.4 | 95.0 | 96.0 | 94.8 | 93.6 | 94.8 | 96.0 | 95.0 | 93.4 | 85.8 |
| 85° | 44.6 | 43.3 | 36.7 | 31.3 | 29.6 | 28.0 | 29.6 | 31.3 | 36.7 | 43.3 | 44.6 |
| 87.5° | 14.7 | 15.2 | 17.0 | 18.0 | 19.0 | 18.5 | 19.0 | 18.0 | 17.0 | 15.2 | 14.7 |
| 90° | 29.6 | 38.6 | 47.6 | 52.7 | 57.9 | 55.3 | 57.9 | 52.7 | 47.6 | 38.6 | 29.6 |
| 92.5° | 59.4 | 74.6 | 85.7 | 94.9 | 99.1 | 98.5 | 99.1 | 94.9 | 85.7 | 74.6 | 59.4 |
| 95° | 119.6 | 137.6 | 155.7 | 168.5 | 176.2 | 173.7 | 176.2 | 168.5 | 155.7 | 137.6 | 119.6 |
| 97.5° | 184.5 | 208.7 | 228.7 | 240.8 | 248.5 | 253.7 | 248.5 | 240.8 | 228.7 | 208.7 | 184.5 |
| 100° | 227.7 | 250.9 | 274.0 | 288.2 | 301.0 | 306.2 | 301.0 | 288.2 | 274.0 | 250.9 | 227.7 |
| 102.5° | 262.7 | 293.1 | 318.3 | 333.4 | 344.3 | 349.4 | 344.3 | 318.3 | 293.1 | 262.7 | 262.7 |
| 105° | 320.3 | 352.5 | 379.5 | 398.8 | 410.4 | 414.2 | 410.4 | 398.8 | 379.5 | 352.5 | 320.3 |
| 107.5° | 378.0 | 411.1 | 436.1 | 457.5 | 471.6 | 479.8 | 471.6 | 457.5 | 436.1 | 411.1 | 378.0 |
| 110° | 423.2 | 450.3 | 477.3 | 496.6 | 510.7 | 515.9 | 510.7 | 496.6 | 477.3 | 450.3 | 423.2 |



TEST NUMBER: P1435994

CATALOG NUMBER: SQ2W-FB-K-100U-100D-L930-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 220° | 230° | 240° | 250° | 260° | 270° | 280° | 290° | 300° | 310° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 461.3 | 491.4 | 518.4 | 537.7 | 553.9 | 561.1 | 553.9 | 537.7 | 518.4 | 491.4 | 461.3 |
| 115° | 514.6 | 554.5 | 578.9 | 596.9 | 608.5 | 614.9 | 608.5 | 596.9 | 578.9 | 554.5 | 514.6 |
| 117.5° | 558.8 | 600.5 | 627.3 | 641.2 | 646.6 | 651.2 | 646.6 | 641.2 | 627.3 | 600.5 | 558.8 |
| 120° | 586.6 | 625.2 | 656.1 | 674.1 | 680.5 | 683.1 | 680.5 | 674.1 | 656.1 | 625.2 | 586.6 |
| 122.5° | 612.3 | 648.9 | 678.7 | 700.9 | 711.4 | 714.0 | 711.4 | 700.9 | 678.7 | 648.9 | 612.3 |
| 125° | 648.4 | 683.1 | 714.0 | 735.8 | 747.4 | 753.9 | 747.4 | 735.8 | 714.0 | 683.1 | 648.4 |
| 127.5° | 679.8 | 717.3 | 745.6 | 765.4 | 776.8 | 781.9 | 776.8 | 765.4 | 745.6 | 717.3 | 679.8 |
| 130° | 697.3 | 735.8 | 764.1 | 786.0 | 796.3 | 801.5 | 796.3 | 786.0 | 764.1 | 735.8 | 697.3 |
| 132.5° | 710.6 | 751.3 | 780.6 | 800.4 | 811.7 | 816.9 | 811.7 | 800.4 | 780.6 | 751.3 | 710.6 |
| 135° | 726.8 | 769.3 | 800.2 | 819.5 | 829.8 | 834.9 | 829.8 | 819.5 | 800.2 | 769.3 | 726.8 |
| 137.5° | 741.0 | 779.6 | 811.7 | 832.1 | 841.3 | 844.7 | 841.3 | 832.1 | 811.7 | 779.6 | 741.0 |
| 140° | 751.3 | 784.7 | 816.9 | 836.2 | 846.5 | 847.8 | 846.5 | 836.2 | 816.9 | 784.7 | 751.3 |
| 142.5° | 764.7 | 790.9 | 819.0 | 838.2 | 848.5 | 850.9 | 848.5 | 838.2 | 819.0 | 790.9 | 764.7 |
| 145° | 788.6 | 804.0 | 823.3 | 841.3 | 850.3 | 852.9 | 850.3 | 841.3 | 823.3 | 804.0 | 788.6 |
| 147.5° | 818.7 | 823.6 | 833.6 | 845.5 | 854.2 | 856.0 | 854.2 | 845.5 | 833.6 | 823.6 | 818.7 |
| 150° | 841.3 | 840.1 | 843.9 | 851.6 | 859.3 | 858.1 | 859.3 | 851.6 | 843.9 | 840.1 | 841.3 |
| 152.5° | 867.1 | 859.6 | 859.3 | 862.9 | 866.6 | 866.3 | 866.6 | 862.9 | 859.3 | 859.6 | 867.1 |
| 155° | 910.8 | 896.7 | 888.9 | 886.4 | 886.4 | 885.1 | 886.4 | 886.4 | 888.9 | 896.7 | 910.8 |
| 157.5° | 958.9 | 939.1 | 927.5 | 921.4 | 919.6 | 916.7 | 919.6 | 921.4 | 927.5 | 939.1 | 958.9 |
| 160° | 991.9 | 970.0 | 958.4 | 948.1 | 944.3 | 940.4 | 944.3 | 948.1 | 958.4 | 970.0 | 991.9 |
| 162.5° | 1022.7 | 1001.9 | 989.3 | 980.0 | 976.2 | 970.2 | 976.2 | 980.0 | 989.3 | 1001.9 | 1022.7 |
| 165° | 1072.9 | 1051.0 | 1036.9 | 1029.2 | 1024.0 | 1018.9 | 1024.0 | 1029.2 | 1036.9 | 1051.0 | 1072.9 |
| 167.5° | 1123.1 | 1099.1 | 1089.9 | 1081.1 | 1076.2 | 1067.0 | 1076.2 | 1081.1 | 1089.9 | 1099.1 | 1123.1 |
| 170° | 1153.9 | 1132.1 | 1126.9 | 1119.2 | 1110.2 | 1099.9 | 1110.2 | 1119.2 | 1126.9 | 1132.1 | 1153.9 |
| 172.5° | 1180.7 | 1166.0 | 1160.9 | 1153.2 | 1150.3 | 1142.1 | 1150.3 | 1153.2 | 1160.9 | 1166.0 | 1180.7 |
| 175° | 1219.6 | 1208.0 | 1208.0 | 1206.7 | 1202.8 | 1195.1 | 1202.8 | 1206.7 | 1208.0 | 1208.0 | 1219.6 |
| 177.5° | 1252.0 | 1245.8 | 1249.9 | 1249.9 | 1248.9 | 1241.7 | 1248.9 | 1249.9 | 1249.9 | 1245.8 | 1252.0 |
| 180° | 1273.6 | 1273.6 | 1273.6 | 1273.6 | 1273.6 | 1273.6 | 1273.6 | 1273.6 | 1273.6 | 1273.6 | 1273.6 |



TEST NUMBER: P1435994

CATALOG NUMBER: SQ2W-FB-K-100U-100D-L930-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 330° | 340° | 350° | 360° |
|--------|--------|-------|-------|-------|
| 0° | 388.0 | 388.0 | 388.0 | 388.0 |
| 2.5° | 407.4 | 399.6 | 392.3 | 385.0 |
| 5° | 462.6 | 426.6 | 401.7 | 376.8 |
| 7.5° | 570.6 | 463.4 | 412.8 | 362.3 |
| 10° | 671.6 | 489.8 | 419.3 | 348.8 |
| 12.5° | 749.7 | 525.3 | 429.6 | 333.9 |
| 15° | 837.0 | 583.3 | 446.5 | 309.7 |
| 17.5° | 907.6 | 648.8 | 466.7 | 284.7 |
| 20° | 953.9 | 694.6 | 480.7 | 266.8 |
| 22.5° | 988.2 | 728.6 | 489.5 | 250.3 |
| 25° | 1025.4 | 766.5 | 497.0 | 227.6 |
| 27.5° | 1030.6 | 775.0 | 490.3 | 205.6 |
| 30° | 1024.1 | 770.9 | 481.5 | 192.1 |
| 32.5° | 1011.7 | 761.6 | 470.9 | 180.2 |
| 35° | 981.9 | 734.4 | 448.3 | 162.3 |
| 37.5° | 936.8 | 691.9 | 419.4 | 147.0 |
| 40° | 903.5 | 660.4 | 399.2 | 138.0 |
| 42.5° | 864.7 | 623.6 | 376.3 | 129.1 |
| 45° | 800.9 | 561.9 | 339.7 | 117.5 |
| 47.5° | 732.8 | 492.7 | 299.7 | 106.7 |
| 50° | 686.5 | 445.6 | 273.2 | 100.7 |
| 52.5° | 641.2 | 399.9 | 247.3 | 94.8 |
| 55° | 575.2 | 336.4 | 212.0 | 87.7 |
| 57.5° | 513.3 | 282.0 | 181.7 | 81.3 |
| 60° | 474.5 | 252.5 | 165.4 | 78.3 |
| 62.5° | 435.6 | 225.4 | 149.7 | 73.9 |
| 65° | 381.2 | 191.7 | 130.4 | 69.0 |
| 67.5° | 331.3 | 166.4 | 114.4 | 62.3 |
| 70° | 301.0 | 154.0 | 105.9 | 57.8 |
| 72.5° | 267.6 | 140.4 | 97.6 | 54.8 |
| 75° | 213.9 | 118.1 | 83.3 | 48.5 |
| 77.5° | 150.5 | 91.6 | 65.6 | 39.5 |
| 80° | 98.2 | 75.0 | 54.3 | 33.6 |
| 82.5° | 72.4 | 58.5 | 43.0 | 27.6 |
| 85° | 40.4 | 35.0 | 25.9 | 16.8 |
| 87.5° | 16.1 | 15.4 | 11.1 | 6.7 |
| 90° | 23.2 | 14.2 | 9.0 | 3.9 |
| 92.5° | 49.9 | 34.7 | 24.4 | 14.2 |
| 95° | 100.3 | 79.8 | 56.6 | 39.9 |
| 97.5° | 159.8 | 126.6 | 103.7 | 76.2 |
| 100° | 191.7 | 159.5 | 137.6 | 108.1 |
| 102.5° | 226.7 | 199.7 | 169.6 | 140.0 |
| 105° | 289.5 | 256.0 | 221.3 | 187.8 |
| 107.5° | 347.6 | 310.8 | 269.1 | 239.0 |
| 110° | 384.6 | 344.8 | 301.0 | 274.0 |



TEST NUMBER: P1435994

CATALOG NUMBER: SQ2W-FB-K-100U-100D-L930-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 330° | 340° | 350° | 360° |
|--------|--------|--------|--------|--------|
| 112.5° | 420.7 | 379.8 | 335.0 | 308.0 |
| 115° | 469.6 | 424.5 | 383.4 | 360.2 |
| 117.5° | 516.6 | 470.3 | 426.8 | 408.6 |
| 120° | 545.5 | 499.1 | 456.7 | 442.5 |
| 122.5° | 569.1 | 523.8 | 484.5 | 478.6 |
| 125° | 604.6 | 558.3 | 524.9 | 532.6 |
| 127.5° | 633.4 | 591.0 | 569.9 | 587.1 |
| 130° | 650.9 | 613.6 | 600.8 | 625.2 |
| 132.5° | 666.4 | 637.3 | 631.6 | 665.4 |
| 135° | 689.5 | 672.8 | 678.0 | 724.3 |
| 137.5° | 717.1 | 710.6 | 727.9 | 786.3 |
| 140° | 734.6 | 738.4 | 762.9 | 828.5 |
| 142.5° | 758.2 | 767.2 | 798.9 | 868.6 |
| 145° | 795.0 | 814.3 | 855.5 | 925.0 |
| 147.5° | 836.7 | 861.7 | 912.6 | 983.9 |
| 150° | 864.5 | 896.7 | 950.7 | 1018.9 |
| 152.5° | 896.4 | 929.6 | 983.6 | 1052.8 |
| 155° | 945.5 | 982.8 | 1039.4 | 1098.6 |
| 157.5° | 995.7 | 1033.8 | 1087.8 | 1139.5 |
| 160° | 1026.6 | 1067.8 | 1116.6 | 1164.2 |
| 162.5° | 1061.6 | 1099.7 | 1142.4 | 1184.8 |
| 165° | 1112.8 | 1143.7 | 1178.4 | 1214.4 |
| 167.5° | 1155.7 | 1181.5 | 1208.7 | 1236.8 |
| 170° | 1183.5 | 1204.1 | 1227.3 | 1249.1 |
| 172.5° | 1207.2 | 1223.7 | 1240.7 | 1259.4 |
| 175° | 1238.8 | 1247.9 | 1258.1 | 1269.7 |
| 177.5° | 1263.3 | 1266.4 | 1269.5 | 1274.6 |
| 180° | 1273.6 | 1273.6 | 1273.6 | 1273.6 |



TEST NUMBER: P1435994
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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 | 12.62 | 13.52 | 13.57 | 14.48 | 15.74 | 22.22 | 23.11 | 23.16 | 24.08 | 25.34 |
| | 3H | 13.56 | 14.37 | 14.52 | 15.34 | 16.62 | 23.83 | 24.63 | 24.78 | 25.60 | 26.88 |
| | 4H | 13.96 | 14.72 | 14.93 | 15.70 | 16.99 | 24.00 | 24.77 | 24.98 | 25.74 | 27.03 |
| | 6H | 14.22 | 14.92 | 15.20 | 15.90 | 17.21 | 24.08 | 24.78 | 25.06 | 25.77 | 27.07 |
| | 8H | 14.31 | 14.98 | 15.30 | 15.98 | 17.28 | 24.10 | 24.77 | 25.09 | 25.77 | 27.07 |
| | 12H | 14.36 | 15.00 | 15.36 | 15.99 | 17.32 | 24.08 | 24.72 | 25.07 | 25.71 | 27.03 |
| 4H | 2H | 17.35 | 18.11 | 18.32 | 19.08 | 20.37 | 22.59 | 23.35 | 23.56 | 24.33 | 25.62 |
| | 3H | 18.48 | 19.11 | 19.46 | 20.12 | 21.42 | 24.48 | 25.11 | 25.47 | 26.12 | 27.42 |
| | 4H | 18.76 | 19.34 | 19.76 | 20.34 | 21.67 | 24.70 | 25.28 | 25.70 | 26.28 | 27.61 |
| | 6H | 18.90 | 19.40 | 19.91 | 20.42 | 21.75 | 24.84 | 25.33 | 25.84 | 26.36 | 27.68 |
| | 8H | 18.94 | 19.40 | 19.95 | 20.42 | 21.76 | 24.88 | 25.35 | 25.89 | 26.36 | 27.70 |
| | 12H | 18.94 | 19.36 | 19.97 | 20.40 | 21.74 | 24.86 | 25.29 | 25.89 | 26.32 | 27.66 |
| 8H | 4H | 19.96 | 20.42 | 20.97 | 21.44 | 22.78 | 24.80 | 25.26 | 25.81 | 26.28 | 27.62 |
| | 6H | 20.22 | 20.60 | 21.25 | 21.66 | 23.00 | 24.99 | 25.38 | 26.03 | 26.44 | 27.78 |
| | 8H | 20.31 | 20.65 | 21.36 | 21.70 | 23.05 | 25.09 | 25.42 | 26.13 | 26.47 | 27.83 |
| | 12H | 20.36 | 20.66 | 21.40 | 21.70 | 23.10 | 25.09 | 25.39 | 26.14 | 26.43 | 27.83 |
| 12H | 4H | 19.98 | 20.40 | 21.01 | 21.44 | 22.78 | 24.75 | 25.17 | 25.78 | 26.20 | 27.55 |
| | 6H | 20.32 | 20.66 | 21.37 | 21.71 | 23.06 | 24.98 | 25.32 | 26.02 | 26.36 | 27.72 |
| | 8H | 20.46 | 20.76 | 21.51 | 21.80 | 23.20 | 25.08 | 25.38 | 26.13 | 26.42 | 27.82 |