

IES INDOOR REPORT

PHOTOMETRIC FILENAME : RWG-2-L30-950-S-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] GEN FROM 14794038.01
[TESTLAB] UL Verification Services Inc.
[ISSUE DATE] 8 DEC 2023
[TEST DATE] 5/11/2023
[MANUFAC] H.E. WILLIAMS, INC.
[LUMCAT] RWG-2-L30-950-S-DIM-UNV
[LUMINAIRE] 24 INCH RECESSED LINEAR WALL WASH
[MORE] WITH SPECULAR REFL AND LENS OVER LED
[LAMP] LED
[LAMPCAT] 22 INCH HLM LED MODULE
[BALLAST] 0-10V DIMMABLE LED DRIVER
[_SEARCH_SOURCE TYPE] LED
[_SEARCH_APPLICATION] INDOOR
[_SEARCH_MOUNTING] RECESSED

CHARACTERISTICS

| | |
|---------------------------------|-----------------|
| Lumens Per Lamp | N.A. (absolute) |
| Total Lamp Lumens | N.A. (absolute) |
| Luminaire Lumens | 2631 |
| Total Luminaire Efficiency | N.A. |
| Luminaire Efficacy Rating (LER) | 92 |
| Total Luminaire Watts | 28.7 |
| Ballast Factor | 1.00 |
| CIE Type | Direct |
| Spacing Criterion (0-180) | 2.40 |
| Spacing Criterion (90-270) | 1.22 |
| Spacing Criterion (Diagonal) | 1.60 |
| Basic Luminous Shape | Rectangular |
| Luminous Length (0-180) | 0.81 ft |
| Luminous Width (90-270) | 2.00 ft |
| Luminous Height | 0.00 ft |

LUMINANCE DATA (cd/sq.m)

| Angle In Degrees | Average 0-Deg | Average 45-Deg | Average 90-Deg |
|---------------------|------------------|-------------------|-------------------|
| 45 | 12827 | 10693 | 3702 |
| 55 | 14078 | 10616 | 3382 |
| 65 | 17745 | 10974 | 3029 |
| 75 | 11847 | 11428 | 2761 |
| 85 | 20124 | 11105 | 2599 |

IES INDOOR REPORT
PHOTOMETRIC FILENAME : RWG-2-L30-950-S-DIM-UNV_.IES

CANDELA TABULATION

| | <u>0.0</u> | <u>22.5</u> | <u>45.0</u> | <u>67.5</u> | <u>90.0</u> | <u>112.5</u> | <u>135.0</u> | <u>157.5</u> | <u>180.0</u> |
|------|------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|--------------|
| 0.0 | 680.711 | 680.711 | 680.711 | 680.711 | 680.711 | 680.711 | 680.711 | 680.711 | 680.711 |
| 0.5 | 672.630 | 691.901 | 696.874 | 698.739 | 693.144 | 683.820 | 670.143 | 657.710 | 635.330 |
| 1.0 | 691.279 | 709.307 | 710.551 | 706.199 | 693.144 | 676.360 | 657.088 | 640.925 | 617.427 |
| 1.5 | 710.551 | 727.957 | 725.470 | 714.281 | 693.144 | 669.521 | 644.034 | 624.141 | 600.021 |
| 2.0 | 731.065 | 746.607 | 739.768 | 721.740 | 693.766 | 662.683 | 631.601 | 607.667 | 582.925 |
| 2.5 | 750.958 | 764.635 | 754.066 | 729.200 | 694.388 | 655.845 | 618.857 | 591.193 | 566.140 |
| 3.0 | 771.473 | 784.527 | 768.986 | 737.282 | 694.388 | 649.007 | 606.361 | 575.279 | 549.480 |
| 3.5 | 792.609 | 803.799 | 783.284 | 744.742 | 694.388 | 642.169 | 593.742 | 559.737 | 533.752 |
| 4.0 | 813.745 | 823.692 | 798.826 | 752.823 | 694.388 | 634.709 | 581.433 | 544.009 | 517.714 |
| 4.5 | 835.503 | 843.585 | 813.745 | 760.283 | 693.766 | 627.249 | 569.622 | 529.028 | 502.172 |
| 5.0 | 857.883 | 864.099 | 829.287 | 767.743 | 693.766 | 620.224 | 557.810 | 514.419 | 487.501 |
| 5.5 | 879.641 | 885.235 | 844.828 | 775.203 | 692.523 | 613.324 | 545.999 | 499.934 | 472.395 |
| 6.0 | 902.020 | 906.372 | 860.369 | 782.663 | 691.901 | 606.113 | 534.250 | 485.761 | 457.164 |
| 6.5 | 924.400 | 928.130 | 875.289 | 790.122 | 691.279 | 598.839 | 522.500 | 471.400 | 442.431 |
| 7.0 | 947.401 | 949.887 | 891.452 | 796.961 | 690.658 | 591.753 | 511.373 | 457.227 | 429.625 |
| 7.5 | 971.024 | 971.645 | 906.993 | 804.420 | 690.036 | 584.666 | 499.748 | 444.172 | 418.808 |
| 8.0 | 994.025 | 992.782 | 921.913 | 811.880 | 689.414 | 577.517 | 488.558 | 432.112 | 407.183 |
| 8.5 | 1015.783 | 1014.539 | 938.076 | 818.718 | 687.549 | 570.368 | 477.430 | 421.730 | 396.677 |
| 9.0 | 1038.162 | 1036.297 | 952.996 | 826.178 | 686.306 | 562.908 | 465.868 | 411.162 | 386.607 |
| 9.5 | 1063.028 | 1058.055 | 969.159 | 833.016 | 684.441 | 555.759 | 455.237 | 401.402 | 377.966 |
| 10.0 | 1085.408 | 1079.192 | 984.700 | 839.855 | 683.198 | 548.361 | 444.172 | 392.637 | 368.330 |
| 10.5 | 1109.031 | 1100.949 | 1000.241 | 846.693 | 681.333 | 541.150 | 434.661 | 384.058 | 358.694 |
| 11.0 | 1131.410 | 1121.464 | 1015.161 | 852.909 | 680.090 | 534.187 | 425.584 | 375.106 | 349.370 |
| 11.5 | 1153.790 | 1141.979 | 1030.081 | 859.126 | 678.225 | 526.665 | 416.819 | 366.154 | 340.231 |
| 12.0 | 1175.548 | 1162.493 | 1045.001 | 865.342 | 676.360 | 519.827 | 408.613 | 357.389 | 331.342 |
| 12.5 | 1198.549 | 1183.008 | 1060.542 | 872.181 | 674.495 | 512.181 | 400.283 | 348.748 | 322.701 |
| 13.0 | 1220.307 | 1203.522 | 1075.462 | 878.397 | 672.630 | 504.845 | 392.512 | 340.542 | 314.122 |
| 13.5 | 1241.443 | 1222.794 | 1091.003 | 884.614 | 670.143 | 497.634 | 386.793 | 332.461 | 306.040 |
| 14.0 | 1261.958 | 1242.687 | 1104.679 | 890.830 | 667.656 | 490.112 | 379.520 | 324.193 | 297.586 |
| 14.5 | 1283.094 | 1262.579 | 1119.599 | 895.804 | 665.170 | 483.150 | 372.309 | 316.298 | 289.815 |
| 15.0 | 1304.230 | 1281.229 | 1133.275 | 902.020 | 662.683 | 476.125 | 365.035 | 308.527 | 282.044 |
| 15.5 | 1325.988 | 1300.500 | 1147.573 | 907.615 | 660.818 | 468.914 | 358.073 | 300.943 | 274.460 |
| 16.0 | 1344.638 | 1318.528 | 1160.628 | 913.210 | 658.332 | 461.889 | 351.110 | 293.607 | 267.498 |
| 16.5 | 1363.287 | 1336.556 | 1173.683 | 918.805 | 655.223 | 454.180 | 344.272 | 286.458 | 259.851 |
| 17.0 | 1380.694 | 1353.963 | 1187.359 | 924.400 | 652.737 | 446.907 | 337.620 | 279.434 | 252.827 |
| 17.5 | 1397.478 | 1370.747 | 1200.414 | 929.373 | 649.629 | 439.758 | 331.031 | 272.595 | 246.051 |
| 18.0 | 1413.641 | 1386.289 | 1214.090 | 935.589 | 646.520 | 432.671 | 324.752 | 265.571 | 238.964 |
| 18.5 | 1428.561 | 1401.208 | 1226.524 | 940.563 | 644.034 | 425.522 | 318.287 | 259.043 | 232.685 |
| 19.0 | 1443.481 | 1415.506 | 1237.713 | 945.536 | 640.925 | 418.933 | 311.760 | 252.454 | 225.723 |
| 19.5 | 1458.401 | 1428.561 | 1249.525 | 949.887 | 637.195 | 412.965 | 305.667 | 245.864 | 219.320 |
| 20.0 | 1472.077 | 1440.994 | 1260.715 | 954.239 | 634.709 | 406.873 | 299.202 | 239.523 | 213.165 |
| 20.5 | 1486.997 | 1454.049 | 1271.904 | 959.834 | 631.601 | 400.967 | 293.359 | 233.120 | 206.638 |
| 21.0 | 1498.808 | 1465.860 | 1282.472 | 963.564 | 627.871 | 395.310 | 287.329 | 227.215 | 200.794 |
| 21.5 | 1511.241 | 1477.050 | 1292.419 | 968.537 | 624.762 | 390.461 | 281.298 | 221.247 | 194.640 |
| 22.0 | 1521.809 | 1488.240 | 1301.744 | 972.267 | 620.970 | 385.177 | 275.641 | 215.279 | 188.859 |
| 22.5 | 1532.377 | 1498.808 | 1309.825 | 975.375 | 616.992 | 380.017 | 269.736 | 209.373 | 183.139 |
| 23.0 | 1542.324 | 1509.376 | 1317.907 | 979.727 | 613.821 | 374.422 | 264.141 | 203.716 | 177.047 |
| 23.5 | 1554.135 | 1518.701 | 1323.502 | 982.835 | 609.967 | 369.200 | 258.546 | 198.121 | 172.198 |
| 24.0 | 1563.460 | 1527.404 | 1329.718 | 985.943 | 606.610 | 363.419 | 252.889 | 192.651 | 166.479 |
| 24.5 | 1572.163 | 1534.864 | 1335.313 | 989.052 | 602.445 | 357.886 | 247.605 | 187.242 | 161.257 |
| 25.0 | 1579.623 | 1541.702 | 1340.286 | 992.160 | 598.591 | 352.354 | 241.948 | 182.082 | 156.408 |
| 25.5 | 1584.596 | 1549.784 | 1345.881 | 994.647 | 594.301 | 346.945 | 236.788 | 176.985 | 151.186 |
| 26.0 | 1589.570 | 1555.379 | 1351.476 | 996.512 | 589.825 | 341.848 | 231.690 | 172.012 | 146.648 |
| 26.5 | 1591.434 | 1559.730 | 1355.828 | 998.376 | 585.598 | 336.377 | 226.531 | 167.101 | 141.675 |

IES INDOOR REPORT
PHOTOMETRIC FILENAME : RWG-2-L30-950-S-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

| | | | | | | | | | |
|------|----------|----------|----------|----------|---------|---------|---------|---------|---------|
| 27.0 | 1591.434 | 1562.838 | 1360.179 | 1000.241 | 581.247 | 331.404 | 221.682 | 162.252 | 137.013 |
| 27.5 | 1590.191 | 1563.460 | 1362.666 | 1001.485 | 576.336 | 326.182 | 216.460 | 157.714 | 132.785 |
| 28.0 | 1588.948 | 1562.838 | 1365.774 | 1002.106 | 572.543 | 321.022 | 211.611 | 152.989 | 128.123 |
| 28.5 | 1587.083 | 1560.973 | 1368.261 | 1003.350 | 567.446 | 316.173 | 206.949 | 148.700 | 124.144 |
| 29.0 | 1583.975 | 1557.865 | 1370.747 | 1004.593 | 563.156 | 310.951 | 202.100 | 144.410 | 119.917 |
| 29.5 | 1580.866 | 1554.135 | 1372.612 | 1004.593 | 558.308 | 306.165 | 197.686 | 140.245 | 115.814 |
| 30.0 | 1575.271 | 1549.784 | 1373.234 | 1003.971 | 553.086 | 301.129 | 193.024 | 136.204 | 112.146 |
| 30.5 | 1570.298 | 1545.432 | 1373.856 | 1003.971 | 548.361 | 296.218 | 188.734 | 132.039 | 107.981 |
| 31.0 | 1566.568 | 1541.080 | 1373.234 | 1003.350 | 543.264 | 291.494 | 184.320 | 128.309 | 104.562 |
| 31.5 | 1561.595 | 1535.486 | 1372.612 | 1002.728 | 538.912 | 286.707 | 179.969 | 124.517 | 100.894 |
| 32.0 | 1557.244 | 1529.269 | 1370.747 | 1002.106 | 534.125 | 281.920 | 175.928 | 120.787 | 97.413 |
| 32.5 | 1551.027 | 1523.053 | 1368.261 | 1000.241 | 528.903 | 277.009 | 171.514 | 117.244 | 94.118 |
| 33.0 | 1545.432 | 1514.971 | 1363.909 | 999.620 | 524.241 | 272.222 | 167.536 | 113.701 | 90.637 |
| 33.5 | 1540.459 | 1508.754 | 1360.801 | 997.755 | 518.833 | 267.560 | 163.619 | 110.344 | 87.653 |
| 34.0 | 1534.242 | 1501.916 | 1356.449 | 996.512 | 513.611 | 262.835 | 159.641 | 107.111 | 84.421 |
| 34.5 | 1528.026 | 1494.456 | 1349.611 | 994.025 | 509.010 | 258.235 | 156.160 | 103.816 | 81.312 |
| 35.0 | 1521.188 | 1486.997 | 1342.773 | 991.538 | 503.415 | 253.511 | 152.181 | 100.646 | 78.453 |
| 35.5 | 1514.349 | 1478.915 | 1334.691 | 989.052 | 498.567 | 248.724 | 148.451 | 97.600 | 75.469 |
| 36.0 | 1507.511 | 1470.834 | 1326.610 | 985.943 | 492.972 | 244.248 | 144.783 | 94.491 | 72.796 |
| 36.5 | 1502.538 | 1462.130 | 1318.528 | 982.835 | 487.874 | 239.710 | 141.115 | 91.632 | 70.123 |
| 37.0 | 1495.078 | 1452.806 | 1309.825 | 980.349 | 483.087 | 235.296 | 137.696 | 88.772 | 67.449 |
| 37.5 | 1487.618 | 1443.481 | 1301.122 | 975.997 | 476.933 | 230.882 | 134.215 | 86.037 | 65.025 |
| 38.0 | 1479.537 | 1433.534 | 1291.797 | 971.645 | 471.773 | 226.220 | 130.734 | 83.302 | 62.352 |
| 38.5 | 1470.212 | 1424.210 | 1281.851 | 967.294 | 466.054 | 221.868 | 127.439 | 80.629 | 59.927 |
| 39.0 | 1463.374 | 1414.885 | 1271.904 | 962.942 | 460.273 | 217.517 | 124.082 | 78.080 | 57.627 |
| 39.5 | 1455.914 | 1404.938 | 1261.958 | 957.969 | 455.237 | 213.352 | 120.912 | 75.531 | 55.327 |
| 40.0 | 1447.832 | 1394.992 | 1250.768 | 952.996 | 449.394 | 209.187 | 117.803 | 73.169 | 53.151 |
| 40.5 | 1439.751 | 1383.802 | 1240.200 | 948.022 | 444.172 | 204.897 | 114.695 | 70.744 | 50.913 |
| 41.0 | 1431.669 | 1373.856 | 1228.388 | 943.049 | 438.701 | 200.794 | 111.711 | 68.506 | 48.924 |
| 41.5 | 1423.588 | 1364.531 | 1218.442 | 938.076 | 432.796 | 196.691 | 108.789 | 66.393 | 46.997 |
| 42.0 | 1415.506 | 1354.584 | 1207.874 | 933.103 | 427.574 | 192.775 | 106.179 | 64.217 | 45.132 |
| 42.5 | 1408.047 | 1345.881 | 1197.306 | 928.130 | 421.979 | 188.921 | 103.568 | 62.228 | 43.454 |
| 43.0 | 1399.965 | 1337.178 | 1186.738 | 922.535 | 416.570 | 185.066 | 100.957 | 60.363 | 41.651 |
| 43.5 | 1393.127 | 1327.853 | 1175.548 | 916.318 | 411.411 | 181.336 | 98.408 | 58.435 | 40.035 |
| 44.0 | 1385.667 | 1319.150 | 1164.358 | 910.723 | 406.002 | 177.669 | 95.921 | 56.695 | 38.418 |
| 44.5 | 1379.450 | 1310.447 | 1153.790 | 905.128 | 401.029 | 174.001 | 93.621 | 54.954 | 36.926 |
| 45.0 | 1371.369 | 1301.744 | 1143.222 | 899.533 | 395.807 | 170.582 | 91.445 | 53.338 | 35.559 |
| 45.5 | 1364.531 | 1293.041 | 1132.032 | 893.317 | 391.020 | 166.976 | 89.083 | 51.722 | 34.129 |
| 46.0 | 1358.314 | 1284.959 | 1120.842 | 886.479 | 386.358 | 163.619 | 87.094 | 50.105 | 32.761 |
| 46.5 | 1350.854 | 1276.878 | 1109.653 | 880.262 | 381.571 | 160.262 | 84.856 | 48.613 | 31.518 |
| 47.0 | 1344.016 | 1268.796 | 1098.463 | 873.424 | 376.598 | 156.905 | 82.804 | 47.121 | 30.212 |
| 47.5 | 1337.800 | 1261.336 | 1087.895 | 867.207 | 371.314 | 153.735 | 80.877 | 45.692 | 29.031 |
| 48.0 | 1330.961 | 1252.011 | 1075.462 | 859.748 | 365.906 | 150.502 | 78.888 | 44.324 | 27.850 |
| 48.5 | 1322.880 | 1243.308 | 1064.272 | 852.288 | 360.932 | 147.332 | 76.961 | 42.894 | 26.731 |
| 49.0 | 1315.420 | 1233.983 | 1052.460 | 844.828 | 355.462 | 144.224 | 75.034 | 41.589 | 25.674 |
| 49.5 | 1307.339 | 1225.280 | 1040.649 | 837.368 | 350.178 | 141.115 | 73.169 | 40.408 | 24.680 |
| 50.0 | 1299.879 | 1216.577 | 1030.702 | 829.287 | 344.956 | 138.194 | 71.490 | 39.164 | 23.747 |
| 50.5 | 1291.797 | 1207.252 | 1019.513 | 820.583 | 339.485 | 135.210 | 69.750 | 38.045 | 22.815 |
| 51.0 | 1283.094 | 1197.927 | 1007.701 | 811.880 | 334.326 | 132.350 | 68.071 | 36.864 | 21.882 |
| 51.5 | 1275.013 | 1189.846 | 995.890 | 801.934 | 328.979 | 129.491 | 66.393 | 35.745 | 21.074 |
| 52.0 | 1267.553 | 1180.521 | 985.322 | 791.987 | 323.944 | 126.631 | 64.714 | 34.688 | 20.266 |
| 52.5 | 1260.093 | 1171.818 | 974.754 | 782.041 | 319.095 | 123.958 | 63.222 | 33.694 | 19.520 |
| 53.0 | 1252.633 | 1161.872 | 963.564 | 772.094 | 313.687 | 121.285 | 61.668 | 32.761 | 18.774 |
| 53.5 | 1245.173 | 1153.168 | 952.374 | 761.526 | 308.651 | 118.674 | 60.114 | 31.829 | 18.090 |
| 54.0 | 1236.470 | 1145.087 | 941.806 | 750.958 | 303.367 | 115.938 | 58.684 | 30.896 | 17.406 |
| 54.5 | 1229.010 | 1135.762 | 931.238 | 740.390 | 298.145 | 113.390 | 57.130 | 30.026 | 16.785 |

IES INDOOR REPORT
PHOTOMETRIC FILENAME : RWG-2-L30-950-S-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

| | | | | | | | | | |
|------|----------|----------|---------|---------|---------|---------|--------|--------|--------|
| 55.0 | 1220.929 | 1127.681 | 920.670 | 729.822 | 293.296 | 110.965 | 55.700 | 29.156 | 16.163 |
| 55.5 | 1212.225 | 1118.356 | 909.480 | 718.632 | 287.888 | 108.541 | 54.270 | 28.347 | 15.541 |
| 56.0 | 1204.766 | 1109.031 | 898.912 | 706.821 | 283.039 | 106.116 | 52.841 | 27.539 | 15.044 |
| 56.5 | 1196.062 | 1099.084 | 887.722 | 695.631 | 277.942 | 103.630 | 51.535 | 26.793 | 14.485 |
| 57.0 | 1187.359 | 1089.760 | 875.911 | 684.441 | 272.595 | 101.267 | 50.105 | 26.047 | 13.987 |
| 57.5 | 1179.899 | 1079.813 | 865.964 | 673.251 | 267.871 | 98.967 | 48.800 | 25.363 | 13.490 |
| 58.0 | 1170.575 | 1069.867 | 854.774 | 661.440 | 262.525 | 96.729 | 47.557 | 24.680 | 13.055 |
| 58.5 | 1163.115 | 1059.299 | 844.206 | 649.629 | 257.489 | 94.554 | 46.313 | 24.058 | 12.620 |
| 59.0 | 1155.655 | 1049.974 | 833.638 | 638.439 | 252.454 | 92.440 | 45.194 | 23.374 | 12.184 |
| 59.5 | 1148.195 | 1040.027 | 821.827 | 626.627 | 247.232 | 90.326 | 44.075 | 22.815 | 11.749 |
| 60.0 | 1144.465 | 1030.702 | 811.259 | 614.816 | 242.632 | 88.275 | 42.894 | 22.193 | 11.376 |
| 60.5 | 1141.979 | 1022.621 | 800.690 | 603.502 | 237.410 | 86.348 | 41.837 | 21.696 | 11.003 |
| 61.0 | 1141.357 | 1013.918 | 789.501 | 592.250 | 232.561 | 84.358 | 40.781 | 21.136 | 10.692 |
| 61.5 | 1143.222 | 1005.836 | 778.933 | 580.563 | 227.712 | 82.369 | 39.786 | 20.639 | 10.319 |
| 62.0 | 1143.844 | 999.620 | 768.364 | 569.000 | 222.490 | 80.442 | 38.729 | 20.079 | 10.009 |
| 62.5 | 1146.330 | 995.268 | 757.796 | 557.189 | 217.765 | 78.639 | 37.797 | 19.582 | 9.698 |
| 63.0 | 1148.817 | 992.782 | 746.607 | 545.812 | 212.854 | 76.774 | 36.926 | 19.147 | 9.387 |
| 63.5 | 1151.303 | 990.295 | 735.417 | 533.566 | 207.943 | 75.096 | 35.994 | 18.650 | 9.138 |
| 64.0 | 1150.682 | 988.430 | 724.227 | 521.754 | 203.157 | 73.293 | 35.123 | 18.214 | 8.827 |
| 64.5 | 1145.087 | 987.808 | 712.416 | 509.694 | 198.245 | 71.490 | 34.191 | 17.717 | 8.579 |
| 65.0 | 1133.897 | 985.943 | 701.226 | 498.007 | 193.583 | 69.750 | 33.258 | 17.282 | 8.330 |
| 65.5 | 1117.734 | 982.835 | 689.414 | 486.631 | 188.921 | 68.009 | 32.450 | 16.847 | 8.082 |
| 66.0 | 1100.949 | 974.132 | 678.846 | 475.192 | 184.196 | 66.330 | 31.642 | 16.412 | 7.833 |
| 66.5 | 1083.543 | 959.834 | 668.278 | 463.754 | 179.534 | 64.652 | 30.772 | 15.977 | 7.584 |
| 67.0 | 1064.272 | 943.049 | 657.710 | 452.316 | 174.623 | 62.974 | 29.964 | 15.604 | 7.336 |
| 67.5 | 1047.487 | 925.021 | 647.142 | 441.126 | 169.960 | 61.357 | 29.156 | 15.168 | 7.149 |
| 68.0 | 1024.486 | 908.237 | 638.439 | 429.874 | 165.484 | 59.679 | 28.347 | 14.733 | 6.900 |
| 68.5 | 995.890 | 890.209 | 630.357 | 418.808 | 161.071 | 58.125 | 27.539 | 14.360 | 6.652 |
| 69.0 | 964.807 | 871.559 | 622.897 | 407.929 | 156.905 | 56.508 | 26.793 | 13.987 | 6.465 |
| 69.5 | 921.913 | 847.936 | 617.054 | 398.169 | 152.554 | 54.892 | 26.047 | 13.614 | 6.279 |
| 70.0 | 874.046 | 818.097 | 610.651 | 386.980 | 148.265 | 53.338 | 25.301 | 13.179 | 6.030 |
| 70.5 | 823.692 | 785.771 | 604.559 | 376.536 | 144.099 | 51.784 | 24.555 | 12.806 | 5.844 |
| 71.0 | 767.743 | 747.850 | 594.923 | 366.154 | 139.810 | 50.230 | 23.872 | 12.433 | 5.657 |
| 71.5 | 718.632 | 704.334 | 580.128 | 355.089 | 135.769 | 48.738 | 23.188 | 12.060 | 5.408 |
| 72.0 | 665.170 | 661.440 | 563.343 | 344.023 | 131.729 | 47.246 | 22.504 | 11.687 | 5.222 |
| 72.5 | 616.059 | 615.811 | 545.253 | 332.896 | 127.626 | 45.754 | 21.758 | 11.252 | 5.035 |
| 73.0 | 576.771 | 570.305 | 527.536 | 321.830 | 123.709 | 44.262 | 21.012 | 10.879 | 4.849 |
| 73.5 | 538.850 | 528.592 | 510.440 | 311.138 | 119.793 | 42.770 | 20.328 | 10.506 | 4.662 |
| 74.0 | 510.129 | 489.180 | 491.293 | 300.445 | 115.938 | 41.340 | 19.644 | 10.133 | 4.476 |
| 74.5 | 485.512 | 457.973 | 470.716 | 289.753 | 112.022 | 39.848 | 18.960 | 9.760 | 4.289 |
| 75.0 | 463.630 | 431.117 | 447.218 | 278.936 | 108.043 | 38.480 | 18.277 | 9.449 | 4.103 |
| 75.5 | 447.902 | 408.489 | 420.984 | 268.182 | 104.189 | 37.051 | 17.593 | 9.014 | 3.916 |
| 76.0 | 432.609 | 390.461 | 393.818 | 257.116 | 100.397 | 35.683 | 16.909 | 8.703 | 3.668 |
| 76.5 | 420.176 | 375.790 | 365.035 | 246.175 | 96.729 | 34.315 | 16.225 | 8.330 | 3.419 |
| 77.0 | 408.800 | 362.114 | 335.507 | 235.110 | 93.124 | 32.948 | 15.604 | 7.957 | 3.233 |
| 77.5 | 396.056 | 349.370 | 307.159 | 223.920 | 89.518 | 31.580 | 14.920 | 7.584 | 3.108 |
| 78.0 | 389.342 | 337.310 | 281.858 | 213.103 | 86.099 | 30.275 | 14.236 | 7.211 | 2.984 |
| 78.5 | 388.099 | 327.052 | 260.535 | 202.784 | 82.618 | 28.969 | 13.614 | 6.838 | 2.797 |
| 79.0 | 388.534 | 322.763 | 242.072 | 192.588 | 79.323 | 27.664 | 12.930 | 6.527 | 2.673 |
| 79.5 | 391.083 | 323.509 | 226.779 | 181.772 | 75.904 | 26.358 | 12.247 | 6.217 | 2.549 |
| 80.0 | 393.756 | 325.498 | 213.476 | 170.333 | 72.485 | 25.053 | 11.625 | 5.906 | 2.362 |
| 80.5 | 396.180 | 326.431 | 201.478 | 158.460 | 68.941 | 23.747 | 10.941 | 5.533 | 2.238 |
| 81.0 | 397.859 | 326.741 | 191.407 | 146.710 | 65.336 | 22.442 | 10.319 | 5.222 | 2.114 |
| 81.5 | 396.056 | 326.804 | 184.880 | 135.769 | 61.668 | 21.136 | 9.636 | 4.911 | 1.989 |
| 82.0 | 385.674 | 322.763 | 182.082 | 124.455 | 57.689 | 19.831 | 9.014 | 4.600 | 1.865 |
| 82.5 | 366.030 | 310.703 | 180.777 | 112.830 | 53.711 | 18.463 | 8.392 | 4.289 | 1.741 |

IES INDOOR REPORT
PHOTOMETRIC FILENAME : RWG-2-L30-950-S-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

| | | | | | | | | | |
|-------|---------|---------|---------|---------|--------|--------|-------|-------|-------|
| 83.0 | 343.526 | 291.556 | 179.161 | 101.081 | 49.732 | 17.158 | 7.771 | 3.979 | 1.616 |
| 83.5 | 323.633 | 272.844 | 176.177 | 90.202 | 45.816 | 15.852 | 7.149 | 3.668 | 1.554 |
| 84.0 | 302.870 | 254.940 | 169.339 | 80.753 | 41.899 | 14.547 | 6.527 | 3.357 | 1.430 |
| 84.5 | 284.407 | 237.410 | 158.895 | 72.734 | 38.045 | 13.241 | 5.906 | 3.046 | 1.368 |
| 85.0 | 265.198 | 220.128 | 146.337 | 65.957 | 34.253 | 11.936 | 5.284 | 2.797 | 1.243 |
| 85.5 | 247.978 | 204.027 | 133.283 | 59.679 | 30.461 | 10.692 | 4.662 | 2.487 | 1.181 |
| 86.0 | 227.836 | 185.564 | 120.725 | 53.524 | 26.731 | 9.387 | 4.041 | 2.176 | 1.057 |
| 86.5 | 199.986 | 162.500 | 107.297 | 47.370 | 23.063 | 8.082 | 3.481 | 1.927 | 0.995 |
| 87.0 | 173.006 | 137.075 | 92.937 | 40.470 | 19.271 | 6.776 | 2.860 | 1.616 | 0.870 |
| 87.5 | 142.483 | 110.654 | 77.023 | 32.948 | 15.541 | 5.471 | 2.300 | 1.368 | 0.808 |
| 88.0 | 110.592 | 82.556 | 58.684 | 25.177 | 11.811 | 4.227 | 1.803 | 1.119 | 0.746 |
| 88.5 | 79.323 | 52.095 | 38.978 | 17.033 | 8.082 | 2.984 | 1.243 | 0.870 | 0.684 |
| 89.0 | 39.599 | 19.831 | 19.147 | 9.511 | 4.476 | 1.803 | 0.870 | 0.684 | 0.559 |
| 89.5 | 10.817 | 3.108 | 5.781 | 4.538 | 2.424 | 0.995 | 0.622 | 0.559 | 0.559 |
| 90.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 90.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 91.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 91.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 92.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 92.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 93.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 93.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 94.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 94.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 95.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 95.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 96.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 96.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 97.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 97.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 98.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 98.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 99.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 99.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 100.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 100.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 101.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 101.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 102.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 102.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 103.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 103.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 104.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 104.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 105.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 105.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 106.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 106.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 107.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 107.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 108.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 108.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 109.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 109.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 110.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 110.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

IES INDOOR REPORT
PHOTOMETRIC FILENAME : RWG-2-L30-950-S-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

| | | | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 111.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 111.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 112.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 112.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 113.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 113.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 114.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 114.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 115.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 115.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 116.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 116.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 117.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 117.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 118.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 118.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 119.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 119.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 120.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 120.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 121.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 121.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 122.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 122.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 123.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 123.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 124.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 124.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 125.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 125.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 126.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 126.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 127.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 127.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 128.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 128.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 129.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 129.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 130.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 130.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 131.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 131.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 132.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 132.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 133.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 133.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 134.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 134.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 135.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 135.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 136.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 136.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 137.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 137.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 138.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 138.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

IES INDOOR REPORT
PHOTOMETRIC FILENAME : RWG-2-L30-950-S-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

| | | | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 139.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 139.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 140.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 140.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 141.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 141.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 142.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 142.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 143.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 143.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 144.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 144.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 145.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 145.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 146.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 146.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 147.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 147.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 148.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 148.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 149.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 149.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 150.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 150.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 151.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 151.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 152.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 152.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 153.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 153.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 154.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 154.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 155.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 155.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 156.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 156.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 157.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 157.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 158.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 158.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 159.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 159.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 160.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 160.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 161.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 161.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 162.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 162.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 163.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 163.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 164.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 164.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 165.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 165.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

IES INDOOR REPORT
PHOTOMETRIC FILENAME : RWG-2-L30-950-S-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

| | | | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 167.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 169.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 169.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 170.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 170.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 171.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 171.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 172.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 172.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 173.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 173.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 174.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 174.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 175.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 175.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 176.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 176.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 177.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 177.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 178.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 178.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 179.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 179.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 180.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

IES INDOOR REPORT
PHOTOMETRIC FILENAME : RWG-2-L30-950-S-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

| Zone | Lumens | %Lamp | %Fixt |
|---------|---------|-------|--------|
| 0-20 | 276.78 | N.A. | 10.50 |
| 0-30 | 628.60 | N.A. | 23.90 |
| 0-40 | 1068.07 | N.A. | 40.60 |
| 0-60 | 1962.09 | N.A. | 74.60 |
| 0-80 | 2552.38 | N.A. | 97.00 |
| 0-90 | 2631.07 | N.A. | 100.00 |
| 10-90 | 2564.5 | N.A. | 97.50 |
| 20-40 | 791.29 | N.A. | 30.10 |
| 20-50 | 1250.99 | N.A. | 47.50 |
| 40-70 | 1268.91 | N.A. | 48.20 |
| 60-80 | 590.29 | N.A. | 22.40 |
| 70-80 | 215.40 | N.A. | 8.20 |
| 80-90 | 78.69 | N.A. | 3.00 |
| 90-110 | 0.00 | N.A. | 0.00 |
| 90-120 | 0.00 | N.A. | 0.00 |
| 90-130 | 0.00 | N.A. | 0.00 |
| 90-150 | 0.00 | N.A. | 0.00 |
| 90-180 | 0.00 | N.A. | 0.00 |
| 110-180 | 0.00 | N.A. | 0.00 |
| 0-180 | 2631.07 | N.A. | 100.00 |

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

| Zone | Lumens |
|---------|--------|
| 0-10 | 66.57 |
| 10-20 | 210.22 |
| 20-30 | 351.82 |
| 30-40 | 439.47 |
| 40-50 | 459.70 |
| 50-60 | 434.32 |
| 60-70 | 374.90 |
| 70-80 | 215.40 |
| 80-90 | 78.69 |
| 90-100 | 0.00 |
| 100-110 | 0.00 |
| 110-120 | 0.00 |
| 120-130 | 0.00 |
| 130-140 | 0.00 |
| 140-150 | 0.00 |
| 150-160 | 0.00 |
| 160-170 | 0.00 |
| 170-180 | 0.00 |

IES INDOOR REPORT
PHOTOMETRIC FILENAME : RWG-2-L30-950-S-DIM-UNV_.IES

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

| 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 |
| 0 | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 |
| 1 | 108 | 103 | 98 | 94 | 105 | 100 | 96 | 92 | 96 | 92 | 89 | 92 | 89 | 87 | 88 | 86 | 84 | 82 |
| 2 | 97 | 89 | 81 | 75 | 95 | 87 | 80 | 74 | 83 | 77 | 72 | 80 | 75 | 71 | 77 | 73 | 69 | 67 |
| 3 | 88 | 77 | 68 | 62 | 86 | 76 | 68 | 61 | 72 | 66 | 60 | 70 | 64 | 59 | 67 | 62 | 58 | 56 |
| 4 | 81 | 68 | 59 | 52 | 78 | 67 | 58 | 51 | 64 | 56 | 50 | 62 | 55 | 50 | 59 | 54 | 49 | 47 |
| 5 | 74 | 60 | 51 | 44 | 72 | 59 | 50 | 44 | 57 | 49 | 43 | 55 | 48 | 43 | 53 | 47 | 42 | 40 |
| 6 | 68 | 54 | 45 | 38 | 66 | 53 | 44 | 38 | 51 | 43 | 37 | 50 | 42 | 37 | 48 | 42 | 37 | 35 |
| 7 | 63 | 49 | 40 | 33 | 61 | 48 | 39 | 33 | 46 | 39 | 33 | 45 | 38 | 33 | 44 | 37 | 32 | 30 |
| 8 | 58 | 44 | 36 | 30 | 57 | 44 | 35 | 29 | 42 | 35 | 29 | 41 | 34 | 29 | 40 | 34 | 29 | 27 |
| 9 | 54 | 41 | 32 | 26 | 53 | 40 | 32 | 26 | 39 | 31 | 26 | 38 | 31 | 26 | 37 | 30 | 26 | 24 |
| 10 | 51 | 37 | 29 | 24 | 50 | 37 | 29 | 24 | 36 | 29 | 24 | 35 | 28 | 23 | 34 | 28 | 23 | 22 |

IES INDOOR REPORT
PHOTOMETRIC FILENAME : RWG-2-L30-950-S-DIM-UNV_.IES

UGR TABLE - CORRECTED

Reflectances

| | | | | | | | | | | |
|----------------|----|----|----|----|----|----|----|----|----|----|
| Ceiling Cavity | 70 | 70 | 50 | 50 | 30 | 70 | 70 | 50 | 50 | 30 |
| Walls | 50 | 30 | 50 | 30 | 30 | 50 | 30 | 50 | 30 | 30 |
| Floor Cavity | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |

Room Size UGR Viewed Crosswise

| | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|
| X=2H | Y=2H | 24.4 | 26.1 | 24.8 | 26.4 | 26.8 | 18.0 | 19.7 | 18.3 | 20.0 | 20.3 |
| | 3H | 27.4 | 28.9 | 27.8 | 29.3 | 29.6 | 19.2 | 20.8 | 19.6 | 21.1 | 21.5 |
| | 4H | 27.9 | 29.4 | 28.3 | 29.7 | 30.1 | 19.7 | 21.2 | 20.1 | 21.5 | 21.9 |
| | 6H | 28.5 | 29.8 | 28.9 | 30.2 | 30.6 | 20.0 | 21.4 | 20.4 | 21.8 | 22.2 |
| | 8H | 28.9 | 30.2 | 29.3 | 30.6 | 31.0 | 20.2 | 21.5 | 20.6 | 21.8 | 22.2 |
| | 12H | 29.2 | 30.5 | 29.7 | 30.9 | 31.3 | 20.2 | 21.5 | 20.7 | 21.9 | 22.3 |

UGR Viewed Endwise

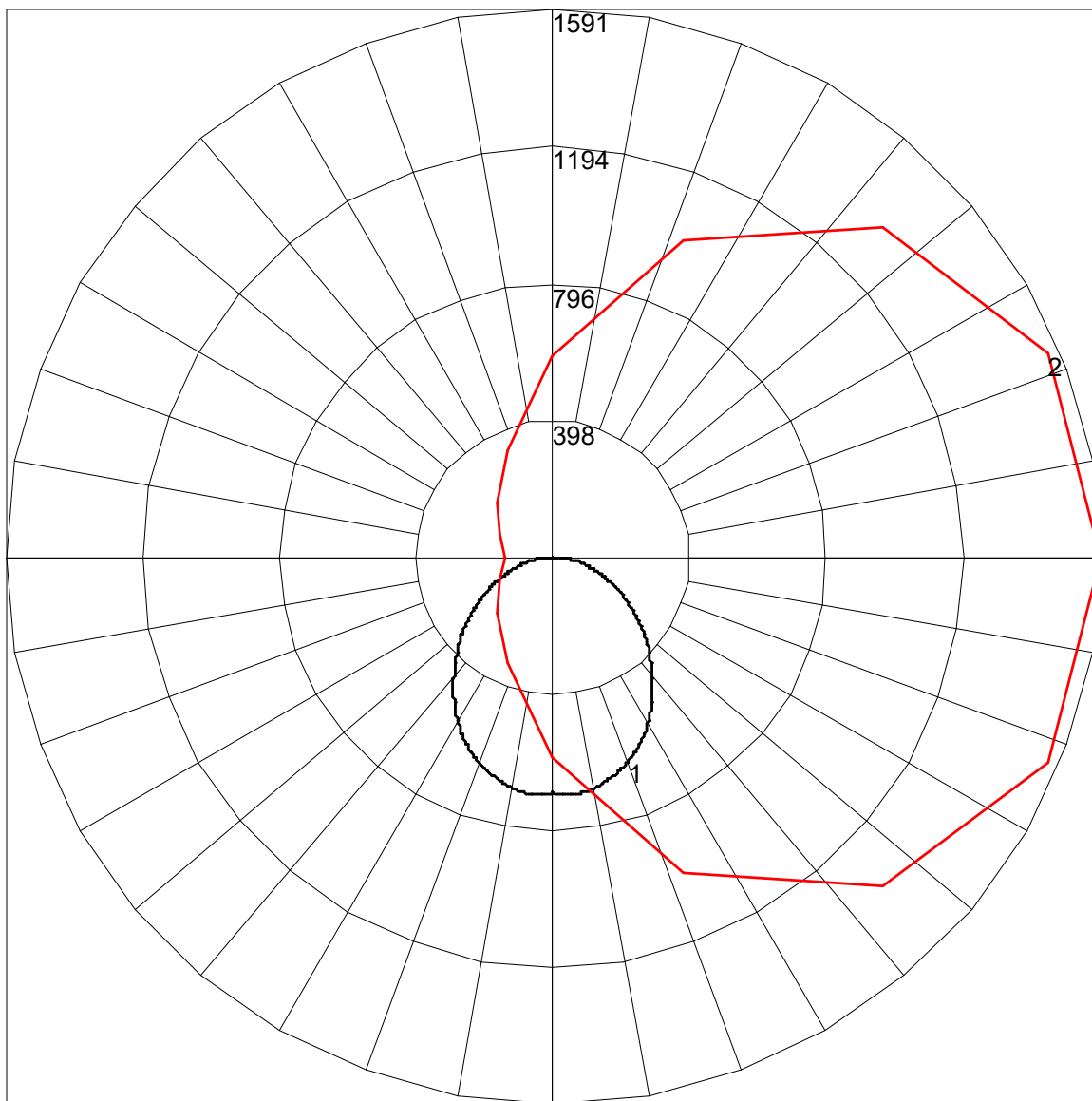
| | | | | | | | | | | | |
|----|-----|------|------|------|------|------|------|------|------|------|------|
| 4H | 2H | 24.9 | 26.3 | 25.3 | 26.7 | 27.0 | 19.5 | 20.9 | 19.9 | 21.3 | 21.7 |
| | 3H | 28.0 | 29.3 | 28.4 | 29.7 | 30.1 | 21.2 | 22.4 | 21.6 | 22.8 | 23.2 |
| | 4H | 28.7 | 29.8 | 29.1 | 30.2 | 30.7 | 21.8 | 22.9 | 22.3 | 23.4 | 23.8 |
| | 6H | 29.4 | 30.4 | 29.8 | 30.8 | 31.3 | 22.3 | 23.2 | 22.7 | 23.7 | 24.1 |
| | 8H | 29.9 | 30.8 | 30.4 | 31.3 | 31.8 | 22.4 | 23.3 | 22.9 | 23.8 | 24.2 |
| | 12H | 30.4 | 31.2 | 30.9 | 31.7 | 32.2 | 22.5 | 23.3 | 23.0 | 23.8 | 24.3 |

| | | | | | | | | | | | |
|----|-----|------|------|------|------|------|------|------|------|------|------|
| 8H | 4H | 28.9 | 29.8 | 29.3 | 30.2 | 30.7 | 22.7 | 23.7 | 23.2 | 24.1 | 24.6 |
| | 6H | 29.7 | 30.5 | 30.2 | 31.0 | 31.5 | 23.3 | 24.1 | 23.8 | 24.6 | 25.0 |
| | 8H | 30.4 | 31.1 | 30.9 | 31.6 | 32.1 | 23.5 | 24.2 | 24.0 | 24.7 | 25.2 |
| | 12H | 31.1 | 31.7 | 31.6 | 32.2 | 32.7 | 23.6 | 24.3 | 24.2 | 24.7 | 25.3 |

| | | | | | | | | | | | |
|-----|----|------|------|------|------|------|------|------|------|------|------|
| 12H | 4H | 28.9 | 29.7 | 29.4 | 30.2 | 30.7 | 22.9 | 23.7 | 23.3 | 24.2 | 24.6 |
| | 6H | 29.8 | 30.5 | 30.3 | 30.9 | 31.5 | 23.5 | 24.2 | 24.0 | 24.7 | 25.2 |
| | 8H | 30.5 | 31.1 | 31.0 | 31.6 | 32.2 | 23.8 | 24.4 | 24.3 | 24.9 | 25.5 |

Maximum UGR = 32.7

POLAR GRAPH



Maximum Candela = 1591.434 Located At Horizontal Angle = 0, Vertical Angle = 26.5
1 - Vertical Plane Through Horizontal Angles (90 - 270)
2 - Horizontal Cone Through Vertical Angle (26.5) (Through Max. Cd.)