

IES INDOOR REPORT

PHOTOMETRIC FILENAME : RWG-2-L30-835-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-L30-835-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 | 2956 |
| Total Luminaire Efficiency | N.A. |
| Luminaire Efficacy Rating (LER) | 103 |
| 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 | 14412 | 12014 | 4160 |
| 55 | 15818 | 11928 | 3800 |
| 65 | 19938 | 12330 | 3404 |
| 75 | 13312 | 12840 | 3102 |
| 85 | 22611 | 12477 | 2921 |

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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 | 764.844 | 764.844 | 764.844 | 764.844 | 764.844 | 764.844 | 764.844 | 764.844 | 764.844 |
| 0.5 | 755.764 | 777.417 | 783.005 | 785.100 | 778.814 | 768.336 | 752.970 | 739.000 | 713.854 |
| 1.0 | 776.718 | 796.974 | 798.371 | 793.482 | 778.814 | 759.955 | 738.301 | 720.141 | 693.738 |
| 1.5 | 798.371 | 817.929 | 815.135 | 802.562 | 778.814 | 752.271 | 723.633 | 701.282 | 674.180 |
| 2.0 | 821.422 | 838.884 | 831.200 | 810.944 | 779.512 | 744.588 | 709.664 | 682.772 | 654.972 |
| 2.5 | 843.773 | 859.140 | 847.266 | 819.326 | 780.211 | 736.905 | 695.345 | 664.262 | 636.113 |
| 3.0 | 866.823 | 881.491 | 864.029 | 828.406 | 780.211 | 729.221 | 681.305 | 646.381 | 617.393 |
| 3.5 | 890.572 | 903.145 | 880.095 | 836.788 | 780.211 | 721.538 | 667.126 | 628.918 | 599.722 |
| 4.0 | 914.320 | 925.496 | 897.557 | 845.869 | 780.211 | 713.156 | 653.296 | 611.247 | 581.701 |
| 4.5 | 938.767 | 947.848 | 914.320 | 854.250 | 779.512 | 704.774 | 640.024 | 594.413 | 564.238 |
| 5.0 | 963.913 | 970.898 | 931.783 | 862.632 | 779.512 | 696.881 | 626.753 | 577.999 | 547.754 |
| 5.5 | 988.360 | 994.646 | 949.245 | 871.014 | 778.115 | 689.128 | 613.482 | 561.724 | 530.781 |
| 6.0 | 1013.506 | 1018.395 | 966.707 | 879.396 | 777.417 | 681.026 | 600.280 | 545.798 | 513.668 |
| 6.5 | 1038.651 | 1042.842 | 983.471 | 887.778 | 776.718 | 672.853 | 587.079 | 529.663 | 497.114 |
| 7.0 | 1064.495 | 1067.289 | 1001.631 | 895.461 | 776.020 | 664.890 | 574.576 | 513.738 | 482.725 |
| 7.5 | 1091.038 | 1091.736 | 1019.094 | 903.843 | 775.321 | 656.928 | 561.514 | 499.069 | 470.571 |
| 8.0 | 1116.882 | 1115.485 | 1035.857 | 912.225 | 774.623 | 648.895 | 548.941 | 485.519 | 457.509 |
| 8.5 | 1141.329 | 1139.932 | 1054.018 | 919.908 | 772.527 | 640.862 | 536.439 | 473.854 | 445.705 |
| 9.0 | 1166.474 | 1164.379 | 1070.782 | 928.290 | 771.130 | 632.481 | 523.447 | 461.980 | 434.390 |
| 9.5 | 1194.414 | 1188.826 | 1088.942 | 935.974 | 769.035 | 624.448 | 511.503 | 451.014 | 424.681 |
| 10.0 | 1219.560 | 1212.575 | 1106.405 | 943.657 | 767.638 | 616.136 | 499.069 | 441.165 | 413.854 |
| 10.5 | 1246.102 | 1237.022 | 1123.867 | 951.340 | 765.543 | 608.034 | 488.383 | 431.526 | 403.027 |
| 11.0 | 1271.248 | 1260.072 | 1140.630 | 958.325 | 764.146 | 600.210 | 478.185 | 421.467 | 392.550 |
| 11.5 | 1296.393 | 1283.122 | 1157.394 | 965.310 | 762.050 | 591.759 | 468.336 | 411.409 | 382.282 |
| 12.0 | 1320.840 | 1306.172 | 1174.158 | 972.295 | 759.955 | 584.075 | 459.116 | 401.561 | 372.294 |
| 12.5 | 1346.684 | 1329.222 | 1191.620 | 979.978 | 757.859 | 575.484 | 449.756 | 391.852 | 362.585 |
| 13.0 | 1371.131 | 1352.272 | 1208.384 | 986.963 | 755.764 | 567.242 | 441.025 | 382.632 | 352.946 |
| 13.5 | 1394.880 | 1373.925 | 1225.846 | 993.948 | 752.970 | 559.139 | 434.599 | 373.551 | 343.865 |
| 14.0 | 1417.930 | 1396.277 | 1241.213 | 1000.933 | 750.176 | 550.688 | 426.427 | 364.261 | 334.366 |
| 14.5 | 1441.679 | 1418.629 | 1257.976 | 1006.521 | 747.382 | 542.865 | 418.324 | 355.391 | 325.635 |
| 15.0 | 1465.427 | 1439.583 | 1273.343 | 1013.506 | 744.588 | 534.972 | 410.152 | 346.659 | 316.904 |
| 15.5 | 1489.874 | 1461.236 | 1289.408 | 1019.792 | 742.492 | 526.869 | 402.329 | 338.138 | 308.382 |
| 16.0 | 1510.829 | 1481.492 | 1304.077 | 1026.078 | 739.698 | 518.976 | 394.506 | 329.896 | 300.559 |
| 16.5 | 1531.784 | 1501.749 | 1318.745 | 1032.365 | 736.206 | 510.315 | 386.822 | 321.863 | 291.968 |
| 17.0 | 1551.341 | 1521.306 | 1334.112 | 1038.651 | 733.412 | 502.143 | 379.349 | 313.970 | 284.075 |
| 17.5 | 1570.200 | 1540.165 | 1348.780 | 1044.239 | 729.920 | 494.110 | 371.945 | 306.287 | 276.461 |
| 18.0 | 1588.361 | 1557.628 | 1364.146 | 1051.224 | 726.427 | 486.147 | 364.890 | 298.394 | 268.499 |
| 18.5 | 1605.125 | 1574.391 | 1378.116 | 1056.812 | 723.633 | 478.115 | 357.626 | 291.060 | 261.444 |
| 19.0 | 1621.888 | 1590.456 | 1390.689 | 1062.400 | 720.141 | 470.711 | 350.292 | 283.656 | 253.621 |
| 19.5 | 1638.652 | 1605.125 | 1403.960 | 1067.289 | 715.950 | 464.005 | 343.446 | 276.252 | 246.426 |
| 20.0 | 1654.019 | 1619.094 | 1416.533 | 1072.179 | 713.156 | 457.160 | 336.182 | 269.127 | 239.511 |
| 20.5 | 1670.783 | 1633.763 | 1429.106 | 1078.465 | 709.664 | 450.525 | 329.616 | 261.933 | 232.177 |
| 21.0 | 1684.054 | 1647.034 | 1440.980 | 1082.656 | 705.473 | 444.168 | 322.841 | 255.297 | 225.612 |
| 21.5 | 1698.024 | 1659.607 | 1452.156 | 1088.244 | 701.980 | 438.720 | 316.066 | 248.592 | 218.696 |
| 22.0 | 1709.898 | 1672.180 | 1462.633 | 1092.435 | 697.719 | 432.783 | 309.709 | 241.886 | 212.201 |
| 22.5 | 1721.772 | 1684.054 | 1471.714 | 1095.927 | 693.249 | 426.986 | 303.074 | 235.251 | 205.774 |
| 23.0 | 1732.948 | 1695.928 | 1480.794 | 1100.817 | 689.687 | 420.699 | 296.787 | 228.894 | 198.929 |
| 23.5 | 1746.219 | 1706.405 | 1487.080 | 1104.309 | 685.356 | 414.832 | 290.501 | 222.608 | 193.481 |
| 24.0 | 1756.697 | 1716.184 | 1494.065 | 1107.801 | 681.584 | 408.336 | 284.145 | 216.461 | 187.055 |
| 24.5 | 1766.475 | 1724.566 | 1500.352 | 1111.294 | 676.904 | 402.119 | 278.208 | 210.384 | 181.188 |
| 25.0 | 1774.857 | 1732.249 | 1505.939 | 1114.786 | 672.574 | 395.903 | 271.851 | 204.587 | 175.740 |
| 25.5 | 1780.445 | 1741.330 | 1512.226 | 1117.580 | 667.754 | 389.826 | 266.054 | 198.859 | 169.872 |
| 26.0 | 1786.033 | 1747.616 | 1518.512 | 1119.676 | 662.725 | 384.098 | 260.326 | 193.272 | 164.773 |
| 26.5 | 1788.129 | 1752.506 | 1523.402 | 1121.771 | 657.975 | 377.952 | 254.529 | 187.753 | 159.185 |

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CANDELA TABULATION - (Cont.)

| | | | | | | | | | |
|------|----------|----------|----------|----------|---------|---------|---------|---------|---------|
| 27.0 | 1788.129 | 1755.998 | 1528.291 | 1123.867 | 653.086 | 372.364 | 249.081 | 182.305 | 153.947 |
| 27.5 | 1786.732 | 1756.697 | 1531.085 | 1125.264 | 647.568 | 366.496 | 243.213 | 177.206 | 149.197 |
| 28.0 | 1785.335 | 1755.998 | 1534.577 | 1125.962 | 643.307 | 360.699 | 237.765 | 171.898 | 143.958 |
| 28.5 | 1783.239 | 1753.903 | 1537.371 | 1127.359 | 637.580 | 355.251 | 232.527 | 167.078 | 139.488 |
| 29.0 | 1779.747 | 1750.410 | 1540.165 | 1128.756 | 632.760 | 349.384 | 227.078 | 162.259 | 134.738 |
| 29.5 | 1776.254 | 1746.219 | 1542.261 | 1128.756 | 627.312 | 344.005 | 222.119 | 157.579 | 130.128 |
| 30.0 | 1769.968 | 1741.330 | 1542.959 | 1128.058 | 621.445 | 338.347 | 216.880 | 153.039 | 126.007 |
| 30.5 | 1764.380 | 1736.440 | 1543.658 | 1128.058 | 616.136 | 332.829 | 212.061 | 148.359 | 121.327 |
| 31.0 | 1760.189 | 1731.551 | 1542.959 | 1127.359 | 610.408 | 327.521 | 207.102 | 144.168 | 117.486 |
| 31.5 | 1754.601 | 1725.265 | 1542.261 | 1126.661 | 605.519 | 322.143 | 202.212 | 139.907 | 113.365 |
| 32.0 | 1749.712 | 1718.280 | 1540.165 | 1125.962 | 600.141 | 316.764 | 197.672 | 135.716 | 109.453 |
| 32.5 | 1742.727 | 1711.295 | 1537.371 | 1123.867 | 594.273 | 311.246 | 192.713 | 131.735 | 105.751 |
| 33.0 | 1736.440 | 1702.215 | 1532.482 | 1123.168 | 589.035 | 305.868 | 188.242 | 127.753 | 101.840 |
| 33.5 | 1730.853 | 1695.230 | 1528.990 | 1121.073 | 582.958 | 300.629 | 183.842 | 123.982 | 98.487 |
| 34.0 | 1723.868 | 1687.546 | 1524.100 | 1119.676 | 577.091 | 295.321 | 179.372 | 120.349 | 94.855 |
| 34.5 | 1716.883 | 1679.164 | 1516.417 | 1116.882 | 571.922 | 290.152 | 175.460 | 116.647 | 91.362 |
| 35.0 | 1709.199 | 1670.783 | 1508.733 | 1114.088 | 565.635 | 284.843 | 170.990 | 113.085 | 88.149 |
| 35.5 | 1701.516 | 1661.702 | 1499.653 | 1111.294 | 560.187 | 279.465 | 166.799 | 109.663 | 84.796 |
| 36.0 | 1693.833 | 1652.622 | 1490.573 | 1107.801 | 553.901 | 274.436 | 162.678 | 106.170 | 81.793 |
| 36.5 | 1688.245 | 1642.843 | 1481.492 | 1104.309 | 548.173 | 269.337 | 158.557 | 102.957 | 78.789 |
| 37.0 | 1679.863 | 1632.366 | 1471.714 | 1101.515 | 542.795 | 264.378 | 154.715 | 99.744 | 75.786 |
| 37.5 | 1671.481 | 1621.888 | 1461.935 | 1096.626 | 535.880 | 259.418 | 150.803 | 96.671 | 73.062 |
| 38.0 | 1662.401 | 1610.713 | 1451.457 | 1091.736 | 530.082 | 254.180 | 146.892 | 93.597 | 70.058 |
| 38.5 | 1651.923 | 1600.235 | 1440.282 | 1086.847 | 523.656 | 249.290 | 143.190 | 90.594 | 67.334 |
| 39.0 | 1644.240 | 1589.758 | 1429.106 | 1081.957 | 517.160 | 244.401 | 139.418 | 87.730 | 64.750 |
| 39.5 | 1635.858 | 1578.582 | 1417.930 | 1076.370 | 511.503 | 239.721 | 135.856 | 84.866 | 62.165 |
| 40.0 | 1626.778 | 1567.406 | 1405.357 | 1070.782 | 504.937 | 235.041 | 132.363 | 82.212 | 59.721 |
| 40.5 | 1617.698 | 1554.834 | 1393.483 | 1065.194 | 499.069 | 230.222 | 128.871 | 79.488 | 57.206 |
| 41.0 | 1608.617 | 1543.658 | 1380.212 | 1059.606 | 492.923 | 225.612 | 125.518 | 76.973 | 54.971 |
| 41.5 | 1599.537 | 1533.180 | 1369.036 | 1054.018 | 486.287 | 221.002 | 122.235 | 74.598 | 52.806 |
| 42.0 | 1590.456 | 1522.005 | 1357.162 | 1048.430 | 480.420 | 216.601 | 119.302 | 72.154 | 50.710 |
| 42.5 | 1582.075 | 1512.226 | 1345.287 | 1042.842 | 474.133 | 212.270 | 116.368 | 69.919 | 48.824 |
| 43.0 | 1572.994 | 1502.447 | 1333.413 | 1036.556 | 468.057 | 207.940 | 113.434 | 67.823 | 46.799 |
| 43.5 | 1565.311 | 1491.970 | 1320.840 | 1029.571 | 462.259 | 203.749 | 110.571 | 65.658 | 44.983 |
| 44.0 | 1556.929 | 1482.191 | 1308.267 | 1023.284 | 456.182 | 199.628 | 107.777 | 63.702 | 43.167 |
| 44.5 | 1549.944 | 1472.412 | 1296.393 | 1016.998 | 450.594 | 195.507 | 105.192 | 61.746 | 41.490 |
| 45.0 | 1540.864 | 1462.633 | 1284.519 | 1010.712 | 444.727 | 191.665 | 102.748 | 59.930 | 39.953 |
| 45.5 | 1533.180 | 1452.854 | 1271.946 | 1003.727 | 439.349 | 187.614 | 100.093 | 58.114 | 38.347 |
| 46.0 | 1526.196 | 1443.774 | 1259.373 | 996.043 | 434.110 | 183.842 | 97.858 | 56.298 | 36.810 |
| 46.5 | 1517.814 | 1434.694 | 1246.801 | 989.059 | 428.732 | 180.070 | 95.344 | 54.622 | 35.413 |
| 47.0 | 1510.130 | 1425.613 | 1234.228 | 981.375 | 423.144 | 176.298 | 93.039 | 52.945 | 33.947 |
| 47.5 | 1503.146 | 1417.232 | 1222.353 | 974.390 | 417.207 | 172.736 | 90.873 | 51.339 | 32.619 |
| 48.0 | 1495.462 | 1406.754 | 1208.384 | 966.008 | 411.130 | 169.104 | 88.638 | 49.802 | 31.292 |
| 48.5 | 1486.382 | 1396.975 | 1195.811 | 957.627 | 405.542 | 165.542 | 86.473 | 48.196 | 30.035 |
| 49.0 | 1478.000 | 1386.498 | 1182.540 | 949.245 | 399.395 | 162.049 | 84.307 | 46.729 | 28.848 |
| 49.5 | 1468.920 | 1376.719 | 1169.268 | 940.863 | 393.458 | 158.557 | 82.212 | 45.402 | 27.730 |
| 50.0 | 1460.538 | 1366.940 | 1158.093 | 931.783 | 387.591 | 155.274 | 80.326 | 44.005 | 26.682 |
| 50.5 | 1451.457 | 1356.463 | 1145.520 | 922.004 | 381.444 | 151.921 | 78.370 | 42.747 | 25.634 |
| 51.0 | 1441.679 | 1345.986 | 1132.249 | 912.225 | 375.647 | 148.708 | 76.484 | 41.420 | 24.587 |
| 51.5 | 1432.598 | 1336.905 | 1118.977 | 901.049 | 369.640 | 145.495 | 74.598 | 40.163 | 23.679 |
| 52.0 | 1424.216 | 1326.428 | 1107.103 | 889.873 | 363.982 | 142.282 | 72.713 | 38.976 | 22.771 |
| 52.5 | 1415.835 | 1316.649 | 1095.229 | 878.698 | 358.534 | 139.278 | 71.036 | 37.858 | 21.933 |
| 53.0 | 1407.453 | 1305.474 | 1082.656 | 867.522 | 352.457 | 136.275 | 69.290 | 36.810 | 21.094 |
| 53.5 | 1399.071 | 1295.695 | 1070.083 | 855.647 | 346.799 | 133.341 | 67.544 | 35.763 | 20.326 |
| 54.0 | 1389.292 | 1286.614 | 1058.209 | 843.773 | 340.862 | 130.268 | 65.937 | 34.715 | 19.558 |
| 54.5 | 1380.910 | 1276.137 | 1046.335 | 831.899 | 334.995 | 127.404 | 64.191 | 33.737 | 18.859 |

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| | | | | | | | | | |
|------|----------|----------|----------|---------|---------|---------|--------|--------|--------|
| 55.0 | 1371.830 | 1267.057 | 1034.460 | 820.025 | 329.546 | 124.680 | 62.584 | 32.759 | 18.161 |
| 55.5 | 1362.051 | 1256.579 | 1021.888 | 807.452 | 323.470 | 121.956 | 60.978 | 31.851 | 17.462 |
| 56.0 | 1353.669 | 1246.102 | 1010.013 | 794.181 | 318.021 | 119.232 | 59.371 | 30.943 | 16.903 |
| 56.5 | 1343.890 | 1234.926 | 997.440 | 781.608 | 312.294 | 116.438 | 57.905 | 30.105 | 16.275 |
| 57.0 | 1334.112 | 1224.449 | 984.169 | 769.035 | 306.287 | 113.784 | 56.298 | 29.267 | 15.716 |
| 57.5 | 1325.730 | 1213.273 | 972.993 | 756.462 | 300.978 | 111.199 | 54.831 | 28.498 | 15.157 |
| 58.0 | 1315.252 | 1202.097 | 960.421 | 743.191 | 294.971 | 108.685 | 53.434 | 27.730 | 14.668 |
| 58.5 | 1306.870 | 1190.223 | 948.546 | 729.920 | 289.314 | 106.240 | 52.037 | 27.031 | 14.179 |
| 59.0 | 1298.489 | 1179.746 | 936.672 | 717.347 | 283.656 | 103.865 | 50.780 | 26.263 | 13.690 |
| 59.5 | 1290.107 | 1168.570 | 923.401 | 704.076 | 277.789 | 101.490 | 49.523 | 25.634 | 13.201 |
| 60.0 | 1285.916 | 1158.093 | 911.526 | 690.804 | 272.620 | 99.185 | 48.196 | 24.936 | 12.782 |
| 60.5 | 1283.122 | 1149.012 | 899.652 | 678.092 | 266.752 | 97.020 | 47.008 | 24.377 | 12.363 |
| 61.0 | 1282.423 | 1139.233 | 887.079 | 665.449 | 261.304 | 94.785 | 45.821 | 23.749 | 12.014 |
| 61.5 | 1284.519 | 1130.153 | 875.205 | 652.318 | 255.856 | 92.550 | 44.703 | 23.190 | 11.595 |
| 62.0 | 1285.217 | 1123.168 | 863.331 | 639.326 | 249.989 | 90.384 | 43.516 | 22.561 | 11.246 |
| 62.5 | 1288.011 | 1118.279 | 851.457 | 626.055 | 244.680 | 88.359 | 42.468 | 22.002 | 10.896 |
| 63.0 | 1290.805 | 1115.485 | 838.884 | 613.272 | 239.162 | 86.263 | 41.490 | 21.513 | 10.547 |
| 63.5 | 1293.599 | 1112.691 | 826.311 | 599.512 | 233.644 | 84.377 | 40.442 | 20.955 | 10.268 |
| 64.0 | 1292.901 | 1110.595 | 813.738 | 586.241 | 228.266 | 82.352 | 39.465 | 20.466 | 9.919 |
| 64.5 | 1286.614 | 1109.897 | 800.467 | 572.690 | 222.748 | 80.326 | 38.417 | 19.907 | 9.639 |
| 65.0 | 1274.042 | 1107.801 | 787.894 | 559.558 | 217.509 | 78.370 | 37.369 | 19.418 | 9.360 |
| 65.5 | 1255.881 | 1104.309 | 774.623 | 546.776 | 212.270 | 76.415 | 36.461 | 18.929 | 9.080 |
| 66.0 | 1237.022 | 1094.530 | 762.749 | 533.924 | 206.962 | 74.529 | 35.553 | 18.440 | 8.801 |
| 66.5 | 1217.464 | 1078.465 | 750.874 | 521.072 | 201.723 | 72.643 | 34.575 | 17.951 | 8.522 |
| 67.0 | 1195.811 | 1059.606 | 739.000 | 508.220 | 196.205 | 70.757 | 33.667 | 17.532 | 8.242 |
| 67.5 | 1176.952 | 1039.350 | 727.126 | 495.647 | 190.967 | 68.941 | 32.759 | 17.043 | 8.033 |
| 68.0 | 1151.108 | 1020.491 | 717.347 | 483.004 | 185.937 | 67.055 | 31.851 | 16.554 | 7.753 |
| 68.5 | 1118.977 | 1000.234 | 708.267 | 470.571 | 180.978 | 65.309 | 30.943 | 16.135 | 7.474 |
| 69.0 | 1084.053 | 979.280 | 699.885 | 458.348 | 176.298 | 63.493 | 30.105 | 15.716 | 7.264 |
| 69.5 | 1035.857 | 952.737 | 693.319 | 447.381 | 171.409 | 61.676 | 29.267 | 15.297 | 7.055 |
| 70.0 | 982.074 | 919.210 | 686.124 | 434.809 | 166.589 | 59.930 | 28.428 | 14.808 | 6.775 |
| 70.5 | 925.496 | 882.888 | 679.279 | 423.074 | 161.909 | 58.184 | 27.590 | 14.389 | 6.566 |
| 71.0 | 862.632 | 840.281 | 668.453 | 411.409 | 157.090 | 56.438 | 26.822 | 13.970 | 6.356 |
| 71.5 | 807.452 | 791.387 | 651.829 | 398.976 | 152.550 | 54.761 | 26.054 | 13.551 | 6.077 |
| 72.0 | 747.382 | 743.191 | 632.970 | 386.543 | 148.010 | 53.085 | 25.285 | 13.132 | 5.867 |
| 72.5 | 692.201 | 691.922 | 612.644 | 374.040 | 143.400 | 51.409 | 24.447 | 12.643 | 5.658 |
| 73.0 | 648.057 | 640.793 | 592.737 | 361.607 | 138.999 | 49.732 | 23.609 | 12.224 | 5.448 |
| 73.5 | 605.449 | 593.924 | 573.528 | 349.593 | 134.599 | 48.056 | 22.841 | 11.804 | 5.239 |
| 74.0 | 573.179 | 549.640 | 552.015 | 337.579 | 130.268 | 46.449 | 22.072 | 11.385 | 5.029 |
| 74.5 | 545.519 | 514.576 | 528.895 | 325.565 | 125.867 | 44.773 | 21.304 | 10.966 | 4.820 |
| 75.0 | 520.932 | 484.401 | 502.492 | 313.411 | 121.397 | 43.236 | 20.536 | 10.617 | 4.610 |
| 75.5 | 503.260 | 458.976 | 473.016 | 301.328 | 117.067 | 41.630 | 19.767 | 10.128 | 4.400 |
| 76.0 | 486.078 | 438.720 | 442.492 | 288.895 | 112.806 | 40.093 | 18.999 | 9.779 | 4.121 |
| 76.5 | 472.108 | 422.236 | 410.152 | 276.601 | 108.685 | 38.557 | 18.231 | 9.360 | 3.842 |
| 77.0 | 459.326 | 406.869 | 376.974 | 264.168 | 104.633 | 37.020 | 17.532 | 8.941 | 3.632 |
| 77.5 | 445.007 | 392.550 | 345.123 | 251.595 | 100.582 | 35.483 | 16.764 | 8.522 | 3.492 |
| 78.0 | 437.463 | 378.999 | 316.694 | 239.442 | 96.741 | 34.016 | 15.995 | 8.102 | 3.353 |
| 78.5 | 436.066 | 367.474 | 292.736 | 227.847 | 92.829 | 32.550 | 15.297 | 7.683 | 3.143 |
| 79.0 | 436.555 | 362.655 | 271.991 | 216.391 | 89.127 | 31.083 | 14.529 | 7.334 | 3.003 |
| 79.5 | 439.419 | 363.493 | 254.808 | 204.238 | 85.285 | 29.616 | 13.760 | 6.985 | 2.864 |
| 80.0 | 442.422 | 365.728 | 239.861 | 191.386 | 81.444 | 28.149 | 13.062 | 6.636 | 2.654 |
| 80.5 | 445.146 | 366.776 | 226.380 | 178.045 | 77.462 | 26.682 | 12.293 | 6.217 | 2.515 |
| 81.0 | 447.032 | 367.125 | 215.064 | 164.843 | 73.411 | 25.215 | 11.595 | 5.867 | 2.375 |
| 81.5 | 445.007 | 367.195 | 207.730 | 152.550 | 69.290 | 23.749 | 10.827 | 5.518 | 2.235 |
| 82.0 | 433.342 | 362.655 | 204.587 | 139.837 | 64.820 | 22.282 | 10.128 | 5.169 | 2.095 |
| 82.5 | 411.270 | 349.104 | 203.120 | 126.776 | 60.349 | 20.745 | 9.430 | 4.820 | 1.956 |

IES INDOOR REPORT
PHOTOMETRIC FILENAME : RWG-2-L30-835-S-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

| | | | | | | | | | |
|-------|---------|---------|---------|---------|--------|--------|-------|-------|-------|
| 83.0 | 385.984 | 327.591 | 201.304 | 113.574 | 55.879 | 19.278 | 8.731 | 4.470 | 1.816 |
| 83.5 | 363.633 | 306.566 | 197.951 | 101.351 | 51.479 | 17.811 | 8.033 | 4.121 | 1.746 |
| 84.0 | 340.303 | 286.450 | 190.268 | 90.734 | 47.078 | 16.345 | 7.334 | 3.772 | 1.607 |
| 84.5 | 319.558 | 266.752 | 178.533 | 81.723 | 42.747 | 14.878 | 6.636 | 3.423 | 1.537 |
| 85.0 | 297.975 | 247.334 | 164.424 | 74.110 | 38.487 | 13.411 | 5.937 | 3.143 | 1.397 |
| 85.5 | 278.627 | 229.244 | 149.756 | 67.055 | 34.226 | 12.014 | 5.239 | 2.794 | 1.327 |
| 86.0 | 255.996 | 208.499 | 135.646 | 60.140 | 30.035 | 10.547 | 4.540 | 2.445 | 1.187 |
| 86.5 | 224.703 | 182.585 | 120.559 | 53.225 | 25.914 | 9.080 | 3.912 | 2.165 | 1.118 |
| 87.0 | 194.389 | 154.017 | 104.424 | 45.472 | 21.653 | 7.614 | 3.213 | 1.816 | 0.978 |
| 87.5 | 160.093 | 124.331 | 86.543 | 37.020 | 17.462 | 6.147 | 2.584 | 1.537 | 0.908 |
| 88.0 | 124.261 | 92.759 | 65.937 | 28.289 | 13.271 | 4.750 | 2.026 | 1.257 | 0.838 |
| 88.5 | 89.127 | 58.533 | 43.795 | 19.139 | 9.080 | 3.353 | 1.397 | 0.978 | 0.768 |
| 89.0 | 44.494 | 22.282 | 21.513 | 10.687 | 5.029 | 2.026 | 0.978 | 0.768 | 0.629 |
| 89.5 | 12.154 | 3.492 | 6.496 | 5.099 | 2.724 | 1.118 | 0.698 | 0.629 | 0.629 |
| 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-L30-835-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-L30-835-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-L30-835-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-L30-835-S-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

| Zone | Lumens | %Lamp | %Fixt |
|---------|---------|-------|--------|
| 0-20 | 310.99 | N.A. | 10.50 |
| 0-30 | 706.30 | N.A. | 23.90 |
| 0-40 | 1200.08 | N.A. | 40.60 |
| 0-60 | 2204.59 | N.A. | 74.60 |
| 0-80 | 2867.84 | N.A. | 97.00 |
| 0-90 | 2956.25 | N.A. | 100.00 |
| 10-90 | 2881.46 | N.A. | 97.50 |
| 20-40 | 889.09 | N.A. | 30.10 |
| 20-50 | 1405.6 | N.A. | 47.50 |
| 40-70 | 1425.74 | N.A. | 48.20 |
| 60-80 | 663.25 | N.A. | 22.40 |
| 70-80 | 242.02 | N.A. | 8.20 |
| 80-90 | 88.41 | 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 | 2956.25 | N.A. | 100.00 |

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

| Zone | Lumens |
|---------|--------|
| 0-10 | 74.80 |
| 10-20 | 236.20 |
| 20-30 | 395.30 |
| 30-40 | 493.79 |
| 40-50 | 516.51 |
| 50-60 | 487.99 |
| 60-70 | 421.23 |
| 70-80 | 242.02 |
| 80-90 | 88.41 |
| 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-L30-835-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 | 69 | 62 | 86 | 76 | 68 | 61 | 73 | 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-L30-835-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 | 24.8 | 26.5 | 25.2 | 26.8 | 27.2 | 18.4 | 20.1 | 18.7 | 20.4 | 20.7 |
| | 3H | 27.8 | 29.3 | 28.2 | 29.7 | 30.0 | 19.6 | 21.2 | 20.0 | 21.5 | 21.9 |
| | 4H | 28.3 | 29.8 | 28.7 | 30.1 | 30.5 | 20.1 | 21.6 | 20.5 | 21.9 | 22.3 |
| | 6H | 28.9 | 30.2 | 29.3 | 30.6 | 31.0 | 20.4 | 21.8 | 20.8 | 22.2 | 22.5 |
| | 8H | 29.3 | 30.6 | 29.7 | 31.0 | 31.4 | 20.6 | 21.9 | 21.0 | 22.2 | 22.6 |
| | 12H | 29.6 | 30.9 | 30.1 | 31.3 | 31.7 | 20.6 | 21.9 | 21.1 | 22.3 | 22.7 |

UGR Viewed Endwise

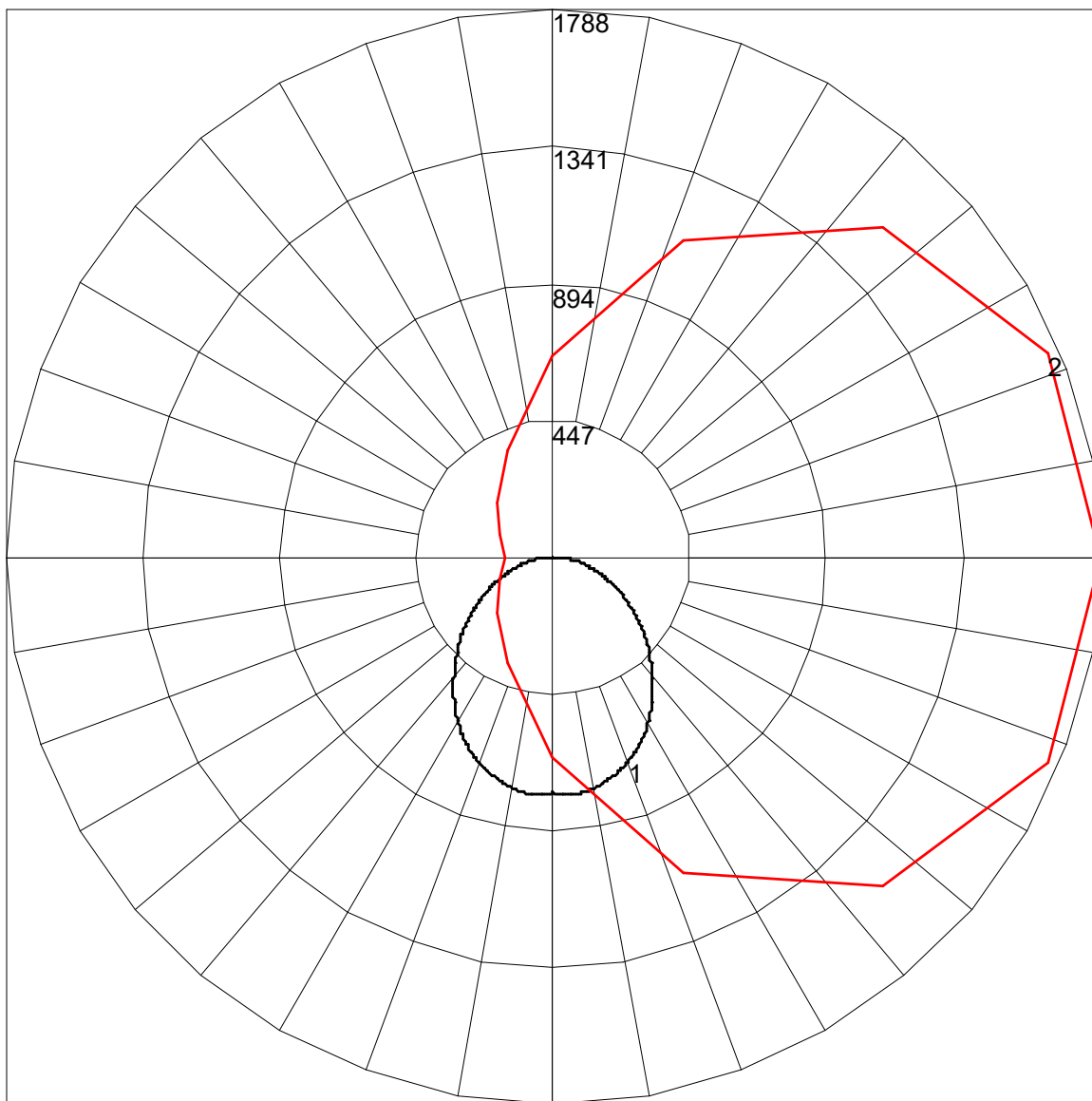
| | | | | | | | | | | | |
|----|-----|------|------|------|------|------|------|------|------|------|------|
| 4H | 2H | 25.3 | 26.7 | 25.7 | 27.1 | 27.4 | 19.9 | 21.3 | 20.3 | 21.7 | 22.1 |
| | 3H | 28.4 | 29.7 | 28.8 | 30.1 | 30.5 | 21.6 | 22.8 | 22.0 | 23.2 | 23.6 |
| | 4H | 29.1 | 30.2 | 29.5 | 30.6 | 31.1 | 22.2 | 23.3 | 22.7 | 23.8 | 24.2 |
| | 6H | 29.8 | 30.8 | 30.2 | 31.2 | 31.7 | 22.7 | 23.6 | 23.1 | 24.1 | 24.5 |
| | 8H | 30.3 | 31.2 | 30.8 | 31.7 | 32.2 | 22.8 | 23.7 | 23.3 | 24.2 | 24.6 |
| | 12H | 30.8 | 31.6 | 31.3 | 32.1 | 32.6 | 22.9 | 23.7 | 23.4 | 24.2 | 24.7 |

| | | | | | | | | | | | |
|----|-----|------|------|------|------|------|------|------|------|------|------|
| 8H | 4H | 29.3 | 30.2 | 29.7 | 30.6 | 31.1 | 23.1 | 24.0 | 23.6 | 24.5 | 25.0 |
| | 6H | 30.1 | 30.9 | 30.6 | 31.4 | 31.9 | 23.7 | 24.5 | 24.2 | 25.0 | 25.4 |
| | 8H | 30.8 | 31.5 | 31.3 | 32.0 | 32.5 | 23.9 | 24.6 | 24.4 | 25.1 | 25.6 |
| | 12H | 31.5 | 32.1 | 32.0 | 32.6 | 33.1 | 24.0 | 24.7 | 24.6 | 25.1 | 25.7 |

| | | | | | | | | | | | |
|-----|----|------|------|------|------|------|------|------|------|------|------|
| 12H | 4H | 29.3 | 30.1 | 29.8 | 30.6 | 31.1 | 23.3 | 24.1 | 23.7 | 24.6 | 25.0 |
| | 6H | 30.2 | 30.9 | 30.7 | 31.3 | 31.8 | 23.9 | 24.6 | 24.4 | 25.1 | 25.6 |
| | 8H | 30.9 | 31.5 | 31.4 | 32.0 | 32.6 | 24.2 | 24.8 | 24.7 | 25.3 | 25.9 |

Maximum UGR = 33.1

POLAR GRAPH



Maximum Candela = 1788.129 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.)