

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SP-00672 ~ ON3012GV-37L35K-EX-MWI.IES****DESCRIPTION INFORMATION (From Photometric File)**

IESNA:LM-63-2002

[TEST] SP-00672_M-37L

[TESTLAB] Spectrum Photometric Lab VLS-245-981

[MANUFAC] Spectrum Lighting

[ISSUEDATE] 4/20/2018

[UPDATE] 5/25/2018

[LUMCAT] ON3012GV-37L-35K-EX-MWI

[LUMINAIRE] Nom. 30" diam x 11.5" H, Orion luminaire

[OTHER] Regressed, 11" diam. frosted glass globe

[OTHER] Reflector: Matte White interior finish

[LAMP] N/A, Gen3

[LAMPCAT] N/A

[OTHER] Total Luminaire Watts is approximate

[OTHER] CCT Multipliers: 27K x 0.971, 30K x 0.985, 40K x 1.03

[OTHER] This report generated by Spectrum Lighting, scaled from 55L

[_CRI]85+

CHARACTERISTICS

| | |
|---------------------------------|--------------------|
| Lumens Per Lamp | N.A. (absolute) |
| Total Lamp Lumens | N.A. (absolute) |
| Luminaire Lumens | 2760 |
| Total Luminaire Efficiency | N.A. |
| Luminaire Efficacy Rating (LER) | 106 |
| Total Luminaire Watts | 26 |
| Ballast Factor | 1.00 |
| CIE Type | Direct |
| Spacing Criterion (0-180) | 1.20 |
| Spacing Criterion (90-270) | 1.18 |
| Spacing Criterion (Diagonal) | 1.36 |
| Basic Luminous Shape | Circular |
| Luminous Length (0-180) | 2.50 ft (Diameter) |
| Luminous Width (90-270) | 2.50 ft (Diameter) |
| Luminous Height | 0.00 ft |

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SP-00672 ~ ON3012GV-37L35K-EX-MWI.IES****LUMINANCE DATA (cd/sq.m)**

| Angle In Degrees | Average 0-Deg | Average 45-Deg | Average 90-Deg |
|---------------------|------------------|-------------------|-------------------|
| 45 | 2329 | 2296 | 2266 |
| 55 | 2159 | 1895 | 1747 |
| 65 | 1125 | 862 | 744 |
| 75 | 605 | 448 | 396 |
| 85 | 420 | 178 | 109 |

IES INDOOR REPORT
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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> | <u>202.5</u> |
|--------------|------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|
| 0.0 | 1156.099 | 1156.099 | 1156.099 | 1156.099 | 1156.099 | 1156.099 | 1156.099 | 1156.099 | 1156.099 | 1156.099 |
| 2.5 | 1153.545 | 1152.725 | 1147.890 | 1146.853 | 1142.521 | 1134.445 | 1141.038 | 1147.445 | 1153.623 | 1158.045 |
| 5.0 | 1145.279 | 1140.671 | 1134.255 | 1132.658 | 1129.265 | 1116.987 | 1125.159 | 1134.321 | 1145.428 | 1150.672 |
| 7.5 | 1128.174 | 1123.388 | 1115.840 | 1113.695 | 1109.704 | 1095.882 | 1104.452 | 1113.778 | 1127.546 | 1135.396 |
| 10.0 | 1110.151 | 1103.597 | 1095.698 | 1093.960 | 1089.405 | 1072.831 | 1081.033 | 1091.775 | 1109.033 | 1116.415 |
| 12.5 | 1088.722 | 1082.586 | 1073.416 | 1071.285 | 1066.531 | 1047.969 | 1057.092 | 1067.026 | 1084.203 | 1093.339 |
| 15.0 | 1066.792 | 1061.120 | 1050.712 | 1048.333 | 1043.118 | 1023.328 | 1032.918 | 1042.173 | 1059.301 | 1069.347 |
| 17.5 | 1043.478 | 1037.566 | 1027.585 | 1025.427 | 1018.260 | 998.855 | 1007.474 | 1017.164 | 1033.902 | 1044.534 |
| 20.0 | 1019.750 | 1013.402 | 1003.688 | 1002.484 | 993.446 | 975.334 | 981.582 | 991.657 | 1008.473 | 1019.866 |
| 22.5 | 995.099 | 988.463 | 979.149 | 976.259 | 968.721 | 952.397 | 957.333 | 965.532 | 982.749 | 995.306 |
| 25.0 | 970.003 | 963.361 | 954.007 | 950.182 | 944.283 | 928.346 | 933.518 | 940.023 | 957.215 | 968.983 |
| 27.5 | 944.126 | 938.322 | 928.459 | 926.254 | 920.325 | 903.743 | 909.243 | 915.134 | 932.854 | 941.607 |
| 30.0 | 918.049 | 913.293 | 903.589 | 902.143 | 895.646 | 879.604 | 884.882 | 891.040 | 908.435 | 916.116 |
| 32.5 | 891.694 | 888.634 | 879.090 | 876.553 | 869.980 | 855.644 | 860.442 | 867.594 | 883.758 | 891.532 |
| 35.0 | 865.331 | 864.004 | 853.802 | 850.890 | 844.059 | 831.004 | 835.994 | 843.105 | 858.990 | 867.136 |
| 37.5 | 838.957 | 836.751 | 828.170 | 824.848 | 817.860 | 806.160 | 810.616 | 817.909 | 833.936 | 842.813 |
| 40.0 | 811.150 | 809.413 | 800.326 | 798.268 | 791.277 | 779.321 | 785.181 | 791.720 | 808.274 | 815.874 |
| 42.5 | 781.989 | 781.135 | 771.741 | 769.680 | 764.346 | 752.043 | 757.023 | 764.994 | 781.128 | 788.186 |
| 45.0 | 751.663 | 752.379 | 740.967 | 738.973 | 731.259 | 717.767 | 728.248 | 734.148 | 752.422 | 758.596 |
| 47.5 | 720.435 | 717.827 | 709.640 | 702.264 | 693.601 | 682.468 | 685.656 | 701.521 | 720.678 | 728.606 |
| 50.0 | 681.883 | 679.837 | 654.764 | 652.283 | 631.797 | 611.970 | 638.734 | 646.261 | 679.898 | 690.908 |
| 52.5 | 638.697 | 618.606 | 595.635 | 573.253 | 555.608 | 538.332 | 549.725 | 583.356 | 625.093 | 652.114 |
| 55.0 | 565.300 | 549.892 | 496.020 | 483.906 | 457.268 | 430.053 | 458.750 | 485.650 | 549.256 | 572.206 |
| 57.5 | 476.697 | 446.614 | 391.891 | 376.435 | 348.301 | 321.563 | 355.600 | 379.255 | 446.754 | 489.112 |
| 60.0 | 381.669 | 348.011 | 302.814 | 283.489 | 264.616 | 247.729 | 260.190 | 292.111 | 350.947 | 387.630 |
| 62.5 | 284.073 | 265.320 | 214.549 | 211.282 | 190.522 | 176.165 | 197.436 | 208.383 | 262.106 | 286.712 |
| 65.0 | 217.107 | 192.886 | 166.221 | 154.627 | 143.523 | 135.095 | 142.075 | 159.456 | 194.667 | 221.731 |
| 67.5 | 159.503 | 145.508 | 120.245 | 115.406 | 104.167 | 97.293 | 108.225 | 114.725 | 144.860 | 160.602 |
| 70.0 | 123.428 | 107.032 | 92.939 | 86.297 | 80.166 | 74.776 | 80.192 | 89.001 | 109.364 | 123.927 |
| 72.5 | 92.223 | 79.624 | 69.589 | 63.562 | 59.659 | 56.506 | 60.515 | 66.390 | 80.560 | 92.726 |
| 75.0 | 71.455 | 62.140 | 52.986 | 50.463 | 46.817 | 43.738 | 47.490 | 51.441 | 62.803 | 69.853 |
| 77.5 | 55.384 | 48.083 | 41.314 | 38.315 | 35.543 | 33.287 | 36.208 | 39.528 | 48.394 | 54.543 |
| 80.0 | 42.127 | 35.407 | 29.763 | 26.604 | 24.799 | 22.690 | 23.560 | 28.197 | 36.948 | 41.380 |
| 82.5 | 29.386 | 24.286 | 17.437 | 16.369 | 13.591 | 11.838 | 13.078 | 16.687 | 22.831 | 29.083 |
| 85.0 | 16.690 | 11.438 | 7.090 | 5.305 | 4.354 | 3.210 | 3.811 | 7.209 | 12.012 | 17.310 |
| 87.5 | 6.005 | 3.013 | 1.470 | 1.023 | 0.843 | 0.735 | 0.612 | 0.987 | 3.515 | 6.413 |
| 90.0 | 0.708 | 0.356 | 0.794 | 0.319 | 0.657 | 0.543 | 0.210 | 0.464 | 0.308 | 0.881 |
| 92.5 | 0.000 | 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 | 0.000 |
| 97.5 | 0.000 | 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 | 0.000 |
| 102.5 | 0.000 | 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 | 0.000 |
| 107.5 | 0.000 | 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 | 0.000 |
| 112.5 | 0.000 | 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 | 0.000 |
| 117.5 | 0.000 | 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 | 0.000 |
| 122.5 | 0.000 | 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 | 0.000 |

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

| | | | | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 127.5 | 0.000 | 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 | 0.000 |
| 132.5 | 0.000 | 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 | 0.000 |
| 137.5 | 0.000 | 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 | 0.000 |
| 142.5 | 0.000 | 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 | 0.000 |
| 147.5 | 0.000 | 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 | 0.000 |
| 152.5 | 0.000 | 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 | 0.000 |
| 157.5 | 0.000 | 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 | 0.000 |
| 162.5 | 0.000 | 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 | 0.000 |
| 167.5 | 0.000 | 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 | 0.000 |
| 172.5 | 0.000 | 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 | 0.000 |
| 177.5 | 0.000 | 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 | 0.000 |

**Vert.
Angles**

Horizontal Angles

| | <u>225.0</u> | <u>247.5</u> | <u>270.0</u> | <u>292.5</u> | <u>315.0</u> | <u>337.5</u> | <u>360.0</u> |
|------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 0.0 | 1156.099 | 1156.099 | 1156.099 | 1156.099 | 1156.099 | 1156.099 | 1156.099 |
| 2.5 | 1158.959 | 1157.882 | 1154.068 | 1153.677 | 1155.072 | 1156.388 | 1153.545 |
| 5.0 | 1154.156 | 1154.020 | 1151.989 | 1151.985 | 1151.329 | 1151.622 | 1145.279 |
| 7.5 | 1141.023 | 1138.948 | 1136.660 | 1141.575 | 1139.334 | 1137.172 | 1128.174 |
| 10.0 | 1124.391 | 1122.204 | 1120.250 | 1126.115 | 1123.413 | 1120.359 | 1110.151 |
| 12.5 | 1102.339 | 1101.375 | 1098.427 | 1106.654 | 1103.729 | 1099.634 | 1088.722 |
| 15.0 | 1078.547 | 1079.032 | 1076.420 | 1085.301 | 1082.274 | 1078.234 | 1066.792 |
| 17.5 | 1053.672 | 1053.739 | 1052.523 | 1063.325 | 1059.444 | 1054.809 | 1043.478 |
| 20.0 | 1028.530 | 1028.503 | 1028.589 | 1041.121 | 1036.269 | 1031.163 | 1019.750 |
| 22.5 | 1003.098 | 1003.355 | 1004.206 | 1016.908 | 1012.877 | 1007.969 | 995.099 |
| 25.0 | 977.615 | 978.330 | 979.796 | 992.144 | 988.140 | 984.788 | 970.003 |
| 27.5 | 952.418 | 953.463 | 955.199 | 966.549 | 962.715 | 959.564 | 944.126 |
| 30.0 | 927.251 | 928.030 | 930.498 | 940.784 | 937.078 | 934.231 | 918.049 |
| 32.5 | 901.923 | 902.010 | 905.329 | 915.371 | 911.357 | 906.951 | 891.694 |
| 35.0 | 876.587 | 876.390 | 879.931 | 890.005 | 884.898 | 879.613 | 865.331 |
| 37.5 | 851.328 | 851.112 | 853.752 | 862.268 | 858.206 | 851.794 | 838.957 |
| 40.0 | 825.883 | 824.278 | 826.868 | 834.365 | 830.558 | 823.937 | 811.150 |
| 42.5 | 797.247 | 796.372 | 798.162 | 805.891 | 802.687 | 795.872 | 781.989 |
| 45.0 | 768.471 | 767.511 | 768.712 | 777.297 | 772.189 | 767.051 | 751.663 |
| 47.5 | 738.495 | 738.116 | 737.762 | 745.604 | 741.283 | 735.287 | 720.435 |
| 50.0 | 706.664 | 703.802 | 704.807 | 713.378 | 706.643 | 701.167 | 681.883 |
| 52.5 | 664.896 | 667.285 | 668.545 | 675.481 | 671.638 | 660.228 | 638.697 |
| 55.0 | 613.909 | 607.251 | 617.505 | 632.931 | 613.015 | 606.685 | 565.300 |
| 57.5 | 527.476 | 539.099 | 546.896 | 559.713 | 552.832 | 524.060 | 476.697 |
| 60.0 | 438.159 | 444.067 | 462.528 | 481.712 | 452.431 | 436.101 | 381.669 |
| 62.5 | 340.439 | 341.843 | 363.222 | 382.564 | 353.384 | 338.452 | 284.073 |
| 65.0 | 254.235 | 265.801 | 279.563 | 290.909 | 274.734 | 255.614 | 217.107 |

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

| | | | | | | | |
|-------|---------|---------|---------|---------|---------|---------|---------|
| 67.5 | 192.700 | 194.624 | 209.541 | 222.293 | 201.859 | 193.597 | 159.503 |
| 70.0 | 143.807 | 152.899 | 159.685 | 165.366 | 157.290 | 145.769 | 123.428 |
| 72.5 | 109.087 | 115.478 | 119.542 | 125.682 | 119.073 | 109.166 | 92.223 |
| 75.0 | 83.730 | 88.236 | 92.250 | 96.511 | 89.392 | 83.581 | 71.455 |
| 77.5 | 63.286 | 68.099 | 70.553 | 73.551 | 69.966 | 63.438 | 55.384 |
| 80.0 | 48.456 | 52.474 | 55.122 | 57.823 | 54.152 | 49.677 | 42.127 |
| 82.5 | 35.517 | 39.358 | 41.401 | 42.598 | 40.599 | 37.333 | 29.386 |
| 85.0 | 22.847 | 25.482 | 28.101 | 29.388 | 27.424 | 23.972 | 16.690 |
| 87.5 | 10.894 | 13.513 | 14.633 | 17.122 | 15.338 | 11.867 | 6.005 |
| 90.0 | 1.357 | 3.062 | 4.866 | 2.399 | 4.067 | 0.978 | 0.708 |
| 92.5 | 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 |
| 97.5 | 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 |
| 102.5 | 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 |
| 107.5 | 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 |
| 112.5 | 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 |
| 117.5 | 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 |
| 122.5 | 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 |
| 127.5 | 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 |
| 132.5 | 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 |
| 137.5 | 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 |
| 142.5 | 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 |
| 147.5 | 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 |
| 152.5 | 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 |
| 157.5 | 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 |
| 162.5 | 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 |
| 167.5 | 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 |
| 172.5 | 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 |
| 177.5 | 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 |

IES INDOOR REPORT
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ZONAL LUMEN SUMMARY

| Zone | Lumens | %Lamp | %Fixt |
|---------|---------|-------|--------|
| 0-20 | 407.04 | N.A. | 14.70 |
| 0-30 | 851.47 | N.A. | 30.80 |
| 0-40 | 1391.83 | N.A. | 50.40 |
| 0-60 | 2448.08 | N.A. | 88.70 |
| 0-80 | 2741.36 | N.A. | 99.30 |
| 0-90 | 2760.24 | N.A. | 100.00 |
| 10-90 | 2652.43 | N.A. | 96.10 |
| 20-40 | 984.79 | N.A. | 35.70 |
| 20-50 | 1563.22 | N.A. | 56.60 |
| 40-70 | 1273.58 | N.A. | 46.10 |
| 60-80 | 293.28 | N.A. | 10.60 |
| 70-80 | 75.94 | N.A. | 2.80 |
| 80-90 | 18.88 | N.A. | 0.70 |
| 90-110 | 0.19 | N.A. | 0.00 |
| 90-120 | 0.19 | N.A. | 0.00 |
| 90-130 | 0.19 | N.A. | 0.00 |
| 90-150 | 0.19 | N.A. | 0.00 |
| 90-180 | 0.19 | N.A. | 0.00 |
| 110-180 | 0.00 | N.A. | 0.00 |
| 0-180 | 2760.42 | N.A. | 100.00 |

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

| Zone | Lumens |
|---------|--------|
| 0-10 | 107.81 |
| 10-20 | 299.23 |
| 20-30 | 444.43 |
| 30-40 | 540.36 |
| 40-50 | 578.44 |
| 50-60 | 477.81 |
| 60-70 | 217.34 |
| 70-80 | 75.94 |
| 80-90 | 18.88 |
| 90-100 | 0.19 |
| 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 : SP-00672 ~ ON3012GV-37L35K-EX-MWI.IES

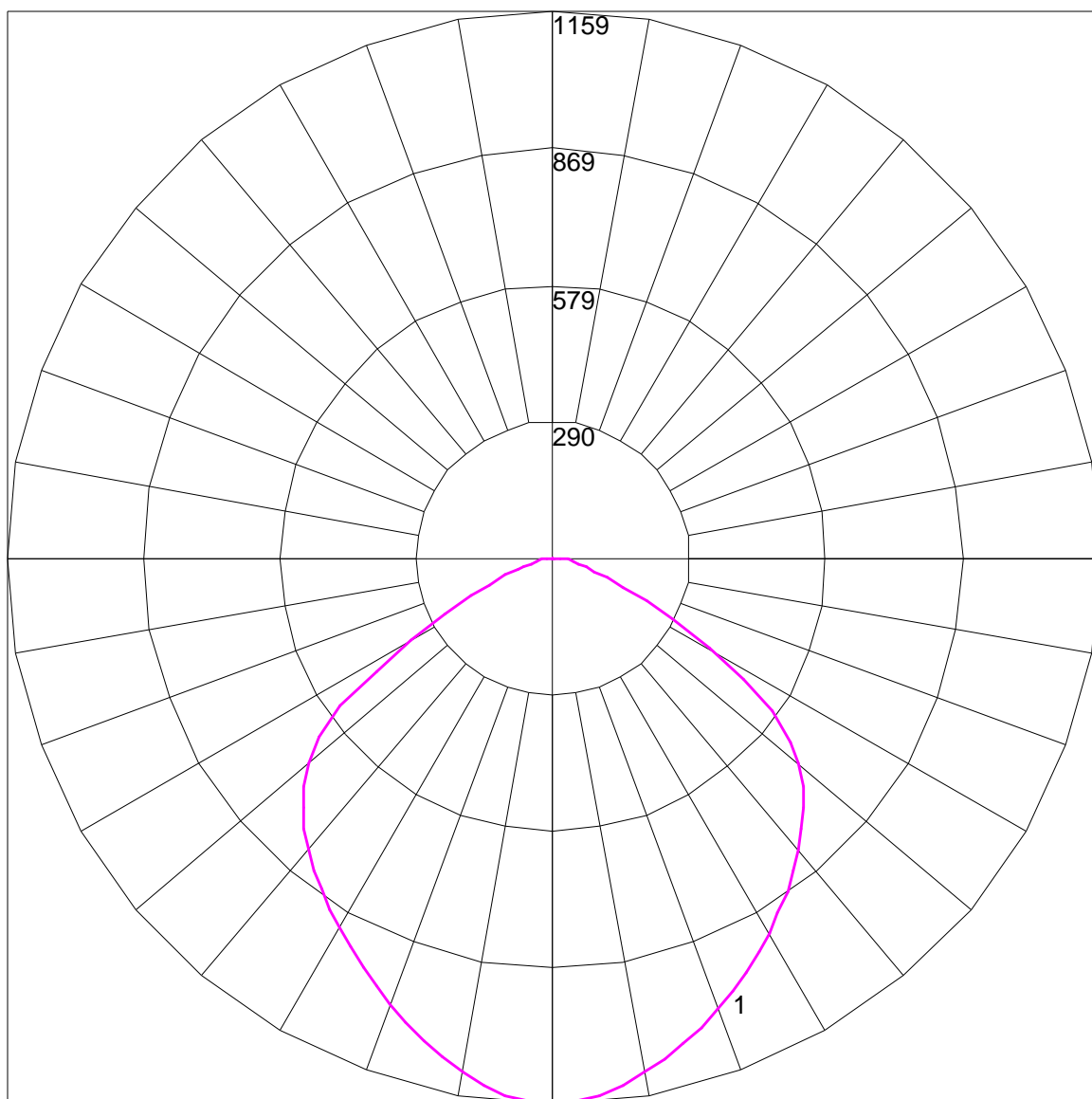
COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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 | 110 | 106 | 102 | 99 | 108 | 104 | 101 | 98 | 100 | 97 | 95 | 96 | 94 | 92 | 92 | 91 | 89 | 87 |
| 2 | 101 | 94 | 88 | 83 | 99 | 92 | 87 | 82 | 89 | 84 | 80 | 85 | 82 | 78 | 83 | 79 | 76 | 74 |
| 3 | 93 | 83 | 76 | 70 | 91 | 82 | 75 | 69 | 79 | 73 | 68 | 76 | 71 | 67 | 74 | 70 | 66 | 64 |
| 4 | 86 | 74 | 66 | 60 | 83 | 73 | 65 | 60 | 71 | 64 | 59 | 68 | 63 | 58 | 66 | 61 | 57 | 55 |
| 5 | 79 | 67 | 58 | 52 | 77 | 66 | 58 | 52 | 64 | 57 | 51 | 62 | 55 | 51 | 60 | 54 | 50 | 48 |
| 6 | 73 | 60 | 52 | 46 | 71 | 59 | 51 | 45 | 58 | 50 | 45 | 56 | 50 | 45 | 54 | 49 | 44 | 42 |
| 7 | 68 | 55 | 46 | 40 | 66 | 54 | 46 | 40 | 52 | 45 | 40 | 51 | 45 | 40 | 50 | 44 | 39 | 38 |
| 8 | 63 | 50 | 42 | 36 | 61 | 49 | 41 | 36 | 48 | 41 | 36 | 47 | 40 | 36 | 46 | 40 | 35 | 34 |
| 9 | 59 | 46 | 38 | 33 | 57 | 45 | 38 | 32 | 44 | 37 | 32 | 43 | 37 | 32 | 42 | 36 | 32 | 30 |
| 10 | 55 | 42 | 35 | 30 | 54 | 42 | 34 | 29 | 41 | 34 | 29 | 40 | 34 | 29 | 39 | 33 | 29 | 27 |

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POLAR GRAPH



Maximum Candela = 1158.959 Located At Horizontal Angle = 225, Vertical Angle = 2.5
1 - Vertical Plane Through Horizontal Angles (0 - 180)