

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SP-00670 ~ ON1606GV-27L35K-EX-MWI.IES****DESCRIPTION INFORMATION (From Photometric File)**

IESNA:LM-63-2002
[TEST] SP-00670_M-27L
[TESTLAB] Spectrum Photometric Lab VLS-245-981
[MANUFAC] Spectrum Lighting
[ISSUEDATE] 4/20/2018
[UPDATE] 5/24/2018
[LUMCAT] ON1606GV-27L-35K-EX-MWI
[LUMINAIRE] Nom. 16" diam x 6.4" 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 | 1974 |
| Total Luminaire Efficiency | N.A. |
| Luminaire Efficacy Rating (LER) | 110 |
| Total Luminaire Watts | 18 |
| Ballast Factor | 1.00 |
| CIE Type | Direct |
| Spacing Criterion (0-180) | 1.32 |
| Spacing Criterion (90-270) | 1.34 |
| Spacing Criterion (Diagonal) | 1.46 |
| Basic Luminous Shape | Circular w/ Sides |
| Luminous Length (0-180) | 1.33 ft (Diameter) |
| Luminous Width (90-270) | 1.33 ft (Diameter) |
| Luminous Height | 0.17 ft |

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SP-00670 ~ ON1606GV-27L35K-EX-MWI.IES****LUMINANCE DATA (cd/sq.m)**

| Angle In Degrees | Average 0-Deg | Average 45-Deg | Average 90-Deg |
|---------------------|------------------|-------------------|-------------------|
| 45 | 4149 | 4177 | 4200 |
| 55 | 3960 | 3996 | 4046 |
| 65 | 3558 | 3596 | 3670 |
| 75 | 2766 | 2810 | 2884 |
| 85 | 2139 | 2168 | 2238 |

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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 | 587.799 | 587.799 | 587.799 | 587.799 | 587.799 | 587.799 | 587.799 | 587.799 | 587.799 | 587.799 |
| 2.5 | 587.767 | 588.862 | 589.223 | 589.391 | 588.075 | 585.242 | 586.450 | 586.178 | 586.315 | 586.402 |
| 5.0 | 587.764 | 588.420 | 588.371 | 587.328 | 586.556 | 583.509 | 584.632 | 584.404 | 583.952 | 583.313 |
| 7.5 | 586.186 | 587.082 | 585.901 | 584.650 | 583.910 | 580.460 | 581.628 | 581.607 | 580.661 | 579.372 |
| 10.0 | 582.992 | 584.112 | 582.475 | 580.713 | 579.764 | 576.492 | 577.622 | 577.487 | 576.727 | 574.775 |
| 12.5 | 578.742 | 579.976 | 577.307 | 576.559 | 574.961 | 571.712 | 572.589 | 572.706 | 572.452 | 569.867 |
| 15.0 | 573.597 | 574.065 | 571.304 | 570.500 | 569.428 | 566.469 | 567.288 | 567.208 | 566.746 | 564.763 |
| 17.5 | 566.852 | 567.132 | 564.368 | 564.240 | 563.029 | 560.128 | 561.761 | 561.241 | 560.443 | 558.163 |
| 20.0 | 558.991 | 559.101 | 557.076 | 556.865 | 555.845 | 553.289 | 555.363 | 554.862 | 553.504 | 550.790 |
| 22.5 | 549.775 | 550.551 | 548.121 | 549.430 | 548.730 | 546.280 | 548.367 | 547.258 | 546.357 | 542.895 |
| 25.0 | 539.800 | 541.335 | 538.683 | 541.206 | 541.667 | 539.211 | 540.184 | 538.779 | 537.984 | 534.788 |
| 27.5 | 530.136 | 531.872 | 530.011 | 532.925 | 533.744 | 530.246 | 531.335 | 529.856 | 529.305 | 525.054 |
| 30.0 | 520.614 | 521.882 | 521.505 | 523.525 | 525.295 | 520.759 | 521.217 | 520.669 | 518.800 | 514.802 |
| 32.5 | 509.563 | 511.744 | 510.551 | 513.958 | 515.054 | 508.792 | 510.526 | 509.498 | 507.977 | 503.513 |
| 35.0 | 497.962 | 500.234 | 499.235 | 502.800 | 503.937 | 496.336 | 497.814 | 497.387 | 496.361 | 491.976 |
| 37.5 | 485.234 | 488.434 | 486.001 | 491.174 | 491.314 | 482.616 | 484.392 | 484.202 | 484.652 | 478.443 |
| 40.0 | 472.201 | 473.720 | 472.604 | 476.830 | 478.103 | 468.722 | 469.978 | 470.619 | 470.246 | 464.581 |
| 42.5 | 456.196 | 458.597 | 457.642 | 462.000 | 461.987 | 452.786 | 455.292 | 454.450 | 455.691 | 448.951 |
| 45.0 | 439.587 | 442.599 | 442.572 | 445.165 | 444.991 | 436.698 | 439.036 | 437.528 | 438.709 | 433.130 |
| 47.5 | 421.282 | 426.533 | 424.279 | 427.845 | 427.086 | 418.469 | 422.470 | 419.561 | 421.647 | 415.470 |
| 50.0 | 402.753 | 406.515 | 405.805 | 409.010 | 408.979 | 400.136 | 403.306 | 401.373 | 402.861 | 397.711 |
| 52.5 | 381.699 | 386.347 | 384.910 | 389.488 | 388.774 | 379.359 | 383.811 | 381.633 | 383.852 | 378.005 |
| 55.0 | 360.467 | 364.648 | 363.737 | 368.313 | 368.246 | 358.498 | 363.032 | 361.668 | 362.714 | 358.159 |
| 57.5 | 337.127 | 342.716 | 340.470 | 346.156 | 345.644 | 336.639 | 342.158 | 339.872 | 341.287 | 335.609 |
| 60.0 | 313.655 | 317.765 | 316.717 | 322.106 | 322.847 | 314.144 | 318.119 | 317.919 | 318.182 | 312.788 |
| 62.5 | 287.377 | 292.474 | 290.506 | 296.466 | 296.053 | 287.362 | 293.918 | 292.176 | 294.512 | 287.551 |
| 65.0 | 260.878 | 264.677 | 263.627 | 268.332 | 269.091 | 260.254 | 266.697 | 266.273 | 268.441 | 262.103 |
| 67.5 | 231.875 | 236.601 | 234.329 | 239.757 | 240.189 | 231.591 | 239.344 | 237.797 | 241.754 | 235.478 |
| 70.0 | 202.989 | 207.166 | 205.289 | 210.621 | 211.284 | 203.096 | 210.433 | 209.323 | 213.130 | 208.504 |
| 72.5 | 174.924 | 178.427 | 176.978 | 182.472 | 182.345 | 175.186 | 181.786 | 180.874 | 184.942 | 180.102 |
| 75.0 | 147.651 | 152.178 | 150.021 | 155.368 | 153.977 | 148.355 | 154.916 | 152.909 | 157.802 | 152.687 |
| 77.5 | 124.074 | 127.109 | 126.054 | 130.706 | 130.116 | 124.409 | 129.024 | 128.495 | 132.174 | 128.267 |
| 80.0 | 101.899 | 105.296 | 104.056 | 108.154 | 107.106 | 102.436 | 107.560 | 105.151 | 109.518 | 105.619 |
| 82.5 | 84.469 | 85.405 | 85.514 | 89.157 | 88.667 | 84.653 | 87.390 | 87.123 | 89.211 | 87.119 |
| 85.0 | 68.089 | 69.645 | 69.009 | 72.654 | 71.253 | 68.212 | 71.671 | 70.003 | 72.596 | 70.201 |
| 87.5 | 54.514 | 55.461 | 55.467 | 58.603 | 57.739 | 54.043 | 57.069 | 56.199 | 57.864 | 56.303 |
| 90.0 | 42.553 | 44.011 | 43.856 | 45.980 | 45.350 | 42.027 | 45.389 | 43.683 | 45.562 | 44.171 |
| 92.5 | 33.967 | 34.250 | 34.525 | 36.480 | 36.170 | 32.993 | 35.022 | 34.711 | 35.553 | 34.749 |
| 95.0 | 26.096 | 26.889 | 26.687 | 28.426 | 27.849 | 25.349 | 27.392 | 26.468 | 27.983 | 26.645 |
| 97.5 | 19.436 | 20.404 | 20.286 | 21.952 | 21.498 | 19.291 | 20.513 | 19.845 | 21.263 | 20.204 |
| 100.0 | 13.781 | 14.931 | 14.789 | 16.047 | 15.635 | 14.108 | 14.905 | 14.110 | 15.281 | 14.539 |
| 102.5 | 9.516 | 10.442 | 10.019 | 11.040 | 10.655 | 9.734 | 9.974 | 9.942 | 10.540 | 9.681 |
| 105.0 | 6.057 | 6.903 | 6.519 | 6.289 | 6.692 | 6.127 | 5.965 | 6.394 | 6.684 | 5.937 |
| 107.5 | 3.503 | 4.142 | 3.845 | 3.832 | 4.214 | 3.105 | 3.143 | 3.726 | 3.879 | 3.136 |
| 110.0 | 1.857 | 1.994 | 2.282 | 1.844 | 2.432 | 1.554 | 1.653 | 1.917 | 1.686 | 1.602 |
| 112.5 | 1.056 | 1.049 | 1.299 | 1.217 | 1.498 | 0.926 | 0.869 | 1.125 | 0.811 | 0.949 |
| 115.0 | 0.676 | 0.869 | 0.894 | 0.773 | 0.952 | 0.655 | 0.739 | 0.649 | 0.548 | 0.686 |
| 117.5 | 0.619 | 0.792 | 0.734 | 0.691 | 0.791 | 0.564 | 0.634 | 0.477 | 0.428 | 0.645 |
| 120.0 | 0.648 | 0.770 | 0.707 | 0.637 | 0.672 | 0.647 | 0.549 | 0.436 | 0.361 | 0.657 |
| 122.5 | 0.730 | 0.778 | 0.723 | 0.648 | 0.586 | 0.800 | 0.488 | 0.497 | 0.391 | 0.693 |
| 125.0 | 0.705 | 0.800 | 0.684 | 0.661 | 0.626 | 0.736 | 0.440 | 0.504 | 0.449 | 0.641 |

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CANDELA TABULATION - (Cont.)

| | | | | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 127.5 | 0.625 | 0.833 | 0.631 | 0.665 | 0.750 | 0.604 | 0.557 | 0.475 | 0.551 | 0.559 |
| 130.0 | 0.628 | 0.870 | 0.630 | 0.670 | 0.750 | 0.647 | 0.757 | 0.462 | 0.663 | 0.552 |
| 132.5 | 0.663 | 0.805 | 0.639 | 0.674 | 0.683 | 0.731 | 0.776 | 0.457 | 0.670 | 0.566 |
| 135.0 | 0.722 | 0.714 | 0.638 | 0.694 | 0.632 | 0.657 | 0.724 | 0.532 | 0.663 | 0.574 |
| 137.5 | 0.788 | 0.728 | 0.637 | 0.831 | 0.589 | 0.557 | 0.757 | 0.640 | 0.604 | 0.582 |
| 140.0 | 0.764 | 0.761 | 0.672 | 0.916 | 0.641 | 0.571 | 0.818 | 0.769 | 0.541 | 0.544 |
| 142.5 | 0.719 | 0.782 | 0.709 | 0.751 | 0.726 | 0.597 | 0.797 | 0.904 | 0.561 | 0.501 |
| 145.0 | 0.632 | 0.803 | 0.811 | 0.634 | 0.664 | 0.603 | 0.759 | 0.875 | 0.584 | 0.557 |
| 147.5 | 0.537 | 0.797 | 0.898 | 0.684 | 0.565 | 0.608 | 0.731 | 0.806 | 0.628 | 0.620 |
| 150.0 | 0.622 | 0.789 | 0.681 | 0.722 | 0.607 | 0.647 | 0.706 | 0.751 | 0.672 | 0.582 |
| 152.5 | 0.724 | 0.804 | 0.490 | 0.731 | 0.673 | 0.683 | 0.687 | 0.700 | 0.722 | 0.542 |
| 155.0 | 0.720 | 0.811 | 0.562 | 0.742 | 0.657 | 0.675 | 0.669 | 0.650 | 0.759 | 0.536 |
| 157.5 | 0.714 | 0.696 | 0.638 | 0.758 | 0.632 | 0.655 | 0.601 | 0.601 | 0.714 | 0.529 |
| 160.0 | 0.739 | 0.613 | 0.732 | 0.778 | 0.735 | 0.575 | 0.550 | 0.595 | 0.682 | 0.507 |
| 162.5 | 0.760 | 0.631 | 0.811 | 0.803 | 0.761 | 0.551 | 0.587 | 0.618 | 0.677 | 0.481 |
| 165.0 | 0.770 | 0.633 | 0.871 | 0.791 | 0.588 | 0.604 | 0.595 | 0.712 | 0.692 | 0.446 |
| 167.5 | 0.710 | 0.615 | 0.901 | 0.788 | 0.670 | 0.613 | 0.576 | 0.758 | 0.692 | 0.496 |
| 170.0 | 0.666 | 0.524 | 0.893 | 0.817 | 0.774 | 0.708 | 0.566 | 0.688 | 0.576 | 0.536 |
| 172.5 | 0.638 | 0.614 | 0.825 | 0.627 | 0.775 | 0.751 | 0.663 | 0.551 | 0.619 | 0.509 |
| 175.0 | 0.604 | 0.623 | 0.814 | 0.628 | 0.787 | 0.580 | 0.628 | 0.661 | 0.501 | 0.442 |
| 177.5 | 0.634 | 0.567 | 0.711 | 0.725 | 0.840 | 0.661 | 0.720 | 0.643 | 0.655 | 0.489 |
| 180.0 | 0.760 | 0.760 | 0.760 | 0.760 | 0.760 | 0.760 | 0.760 | 0.760 | 0.760 | 0.760 |

**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 | 587.799 | 587.799 | 587.799 | 587.799 | 587.799 | 587.799 | 587.799 |
| 2.5 | 587.253 | 587.894 | 587.703 | 586.042 | 586.938 | 587.690 | 587.767 |
| 5.0 | 584.509 | 584.738 | 584.658 | 584.605 | 585.759 | 586.889 | 587.764 |
| 7.5 | 580.608 | 580.640 | 580.421 | 581.878 | 583.107 | 585.431 | 586.186 |
| 10.0 | 576.049 | 574.284 | 575.108 | 577.711 | 579.673 | 582.307 | 582.992 |
| 12.5 | 570.880 | 567.716 | 569.372 | 572.403 | 574.029 | 578.506 | 578.742 |
| 15.0 | 564.370 | 560.749 | 562.178 | 566.063 | 567.442 | 572.378 | 573.597 |
| 17.5 | 556.850 | 553.393 | 554.547 | 559.051 | 559.420 | 565.523 | 566.852 |
| 20.0 | 548.867 | 545.432 | 546.189 | 550.853 | 550.926 | 557.171 | 558.991 |
| 22.5 | 540.594 | 537.283 | 537.673 | 542.035 | 542.396 | 548.475 | 549.775 |
| 25.0 | 531.901 | 528.897 | 528.396 | 532.660 | 533.857 | 539.084 | 539.800 |
| 27.5 | 522.996 | 519.267 | 519.001 | 523.049 | 524.366 | 529.578 | 530.136 |
| 30.0 | 513.099 | 508.354 | 508.303 | 513.150 | 514.705 | 519.401 | 520.614 |
| 32.5 | 502.809 | 496.969 | 497.487 | 503.157 | 503.745 | 509.158 | 509.563 |
| 35.0 | 490.483 | 485.179 | 485.193 | 490.999 | 492.640 | 496.747 | 497.962 |
| 37.5 | 477.517 | 471.963 | 472.824 | 478.312 | 479.065 | 484.231 | 485.234 |
| 40.0 | 463.154 | 457.748 | 458.819 | 464.404 | 465.342 | 470.089 | 472.201 |
| 42.5 | 448.468 | 442.650 | 444.651 | 450.277 | 450.375 | 455.811 | 456.196 |
| 45.0 | 432.054 | 427.047 | 428.097 | 434.424 | 435.264 | 439.253 | 439.587 |
| 47.5 | 415.367 | 410.362 | 411.267 | 418.377 | 417.304 | 422.404 | 421.282 |
| 50.0 | 397.088 | 393.178 | 392.229 | 400.135 | 399.159 | 403.038 | 402.753 |
| 52.5 | 378.649 | 373.467 | 373.015 | 381.779 | 379.139 | 383.346 | 381.699 |
| 55.0 | 357.094 | 352.844 | 352.875 | 360.165 | 358.786 | 361.833 | 360.467 |
| 57.5 | 335.403 | 330.954 | 331.934 | 338.465 | 336.415 | 339.771 | 337.127 |
| 60.0 | 312.850 | 308.712 | 307.984 | 315.302 | 313.363 | 315.555 | 313.655 |
| 62.5 | 290.089 | 283.470 | 283.444 | 291.772 | 287.462 | 290.714 | 287.377 |
| 65.0 | 263.761 | 257.617 | 257.210 | 264.858 | 260.976 | 264.007 | 260.878 |

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

| | | | | | | | |
|-------|---------|---------|---------|---------|---------|---------|---------|
| 67.5 | 237.207 | 229.767 | 229.973 | 237.650 | 232.607 | 236.654 | 231.875 |
| 70.0 | 208.752 | 201.649 | 200.460 | 208.668 | 204.283 | 207.783 | 202.989 |
| 72.5 | 180.627 | 173.612 | 172.064 | 180.120 | 176.069 | 179.357 | 174.924 |
| 75.0 | 154.308 | 145.580 | 145.678 | 153.379 | 149.106 | 151.759 | 147.651 |
| 77.5 | 128.949 | 122.615 | 121.715 | 128.033 | 124.570 | 126.579 | 124.074 |
| 80.0 | 107.375 | 99.941 | 101.364 | 106.986 | 102.389 | 105.113 | 101.899 |
| 82.5 | 87.211 | 83.101 | 83.130 | 87.398 | 83.982 | 85.789 | 84.469 |
| 85.0 | 71.197 | 66.583 | 67.456 | 71.395 | 67.593 | 69.131 | 68.089 |
| 87.5 | 56.575 | 54.129 | 53.795 | 56.902 | 53.817 | 54.786 | 54.514 |
| 90.0 | 45.181 | 42.136 | 42.112 | 45.335 | 42.325 | 42.785 | 42.553 |
| 92.5 | 35.250 | 33.389 | 32.765 | 35.392 | 33.273 | 33.663 | 33.967 |
| 95.0 | 28.043 | 25.174 | 25.343 | 28.007 | 25.693 | 26.982 | 26.096 |
| 97.5 | 21.210 | 19.453 | 18.916 | 21.239 | 19.411 | 20.710 | 19.436 |
| 100.0 | 14.932 | 13.974 | 13.154 | 15.267 | 14.180 | 14.719 | 13.781 |
| 102.5 | 9.901 | 9.354 | 8.828 | 10.206 | 9.701 | 10.036 | 9.516 |
| 105.0 | 6.403 | 5.322 | 5.269 | 6.102 | 6.242 | 6.077 | 6.057 |
| 107.5 | 3.718 | 2.865 | 3.050 | 3.331 | 3.381 | 3.709 | 3.503 |
| 110.0 | 1.860 | 1.107 | 1.418 | 1.719 | 1.844 | 2.062 | 1.857 |
| 112.5 | 0.952 | 0.818 | 0.814 | 0.930 | 0.935 | 1.359 | 1.056 |
| 115.0 | 0.831 | 0.662 | 0.560 | 0.731 | 0.699 | 0.988 | 0.676 |
| 117.5 | 0.751 | 0.736 | 0.564 | 0.595 | 0.713 | 0.928 | 0.619 |
| 120.0 | 0.698 | 0.733 | 0.633 | 0.496 | 0.700 | 0.951 | 0.648 |
| 122.5 | 0.678 | 0.623 | 0.575 | 0.604 | 0.679 | 0.900 | 0.730 |
| 125.0 | 0.675 | 0.607 | 0.492 | 0.809 | 0.704 | 0.835 | 0.705 |
| 127.5 | 0.627 | 0.696 | 0.593 | 0.788 | 0.739 | 0.806 | 0.625 |
| 130.0 | 0.561 | 0.716 | 0.715 | 0.686 | 0.736 | 0.782 | 0.628 |
| 132.5 | 0.568 | 0.669 | 0.687 | 0.657 | 0.728 | 0.742 | 0.663 |
| 135.0 | 0.601 | 0.676 | 0.650 | 0.651 | 0.858 | 0.702 | 0.722 |
| 137.5 | 0.606 | 0.726 | 0.644 | 0.767 | 0.999 | 0.720 | 0.788 |
| 140.0 | 0.604 | 0.717 | 0.642 | 0.909 | 0.776 | 0.737 | 0.764 |
| 142.5 | 0.586 | 0.669 | 0.699 | 0.793 | 0.551 | 0.760 | 0.719 |
| 145.0 | 0.564 | 0.647 | 0.742 | 0.641 | 0.717 | 0.775 | 0.632 |
| 147.5 | 0.607 | 0.639 | 0.638 | 0.565 | 0.870 | 0.694 | 0.537 |
| 150.0 | 0.658 | 0.704 | 0.563 | 0.494 | 0.833 | 0.631 | 0.622 |
| 152.5 | 0.711 | 0.799 | 0.679 | 0.772 | 0.806 | 0.688 | 0.724 |
| 155.0 | 0.764 | 0.720 | 0.771 | 1.039 | 0.844 | 0.740 | 0.720 |
| 157.5 | 0.595 | 0.588 | 0.775 | 0.815 | 0.872 | 0.772 | 0.714 |
| 160.0 | 0.474 | 0.716 | 0.764 | 0.643 | 0.865 | 0.843 | 0.739 |
| 162.5 | 0.570 | 0.831 | 0.730 | 0.655 | 0.808 | 0.982 | 0.760 |
| 165.0 | 0.596 | 0.717 | 0.858 | 0.807 | 0.695 | 0.953 | 0.770 |
| 167.5 | 0.580 | 0.790 | 0.957 | 1.026 | 0.627 | 0.851 | 0.710 |
| 170.0 | 0.742 | 0.895 | 0.726 | 0.955 | 0.614 | 0.753 | 0.666 |
| 172.5 | 0.653 | 0.851 | 0.701 | 0.753 | 0.708 | 0.745 | 0.638 |
| 175.0 | 0.802 | 0.839 | 0.771 | 0.638 | 0.798 | 0.770 | 0.604 |
| 177.5 | 0.615 | 0.613 | 0.711 | 0.754 | 0.705 | 0.498 | 0.634 |
| 180.0 | 0.760 | 0.760 | 0.760 | 0.760 | 0.760 | 0.760 | 0.760 |

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SP-00670 ~ ON1606GV-27L35K-EX-MWI.IES

ZONAL LUMEN SUMMARY

| Zone | Lumens | %Lamp | %Fixt |
|---------|---------|-------|--------|
| 0-20 | 216.08 | N.A. | 10.90 |
| 0-30 | 463.87 | N.A. | 23.50 |
| 0-40 | 773.95 | N.A. | 39.20 |
| 0-60 | 1433.43 | N.A. | 72.60 |
| 0-80 | 1855.42 | N.A. | 94.00 |
| 0-90 | 1933.43 | N.A. | 97.90 |
| 10-90 | 1877.75 | N.A. | 95.10 |
| 20-40 | 557.87 | N.A. | 28.30 |
| 20-50 | 895.15 | N.A. | 45.30 |
| 40-70 | 919.63 | N.A. | 46.60 |
| 60-80 | 421.99 | N.A. | 21.40 |
| 70-80 | 161.85 | N.A. | 8.20 |
| 80-90 | 78.01 | N.A. | 4.00 |
| 90-110 | 37.73 | N.A. | 1.90 |
| 90-120 | 38.65 | N.A. | 2.00 |
| 90-130 | 39.24 | N.A. | 2.00 |
| 90-150 | 40.20 | N.A. | 2.00 |
| 90-180 | 40.79 | N.A. | 2.10 |
| 110-180 | 3.05 | N.A. | 0.20 |
| 0-180 | 1974.21 | N.A. | 100.00 |

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

| Zone | Lumens |
|---------|--------|
| 0-10 | 55.68 |
| 10-20 | 160.40 |
| 20-30 | 247.79 |
| 30-40 | 310.08 |
| 40-50 | 337.29 |
| 50-60 | 322.19 |
| 60-70 | 260.15 |
| 70-80 | 161.85 |
| 80-90 | 78.01 |
| 90-100 | 30.30 |
| 100-110 | 7.43 |
| 110-120 | 0.92 |
| 120-130 | 0.59 |
| 130-140 | 0.53 |
| 140-150 | 0.43 |
| 150-160 | 0.32 |
| 160-170 | 0.20 |
| 170-180 | 0.07 |

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SP-00670 ~ ON1606GV-27L35K-EX-MWI.IES

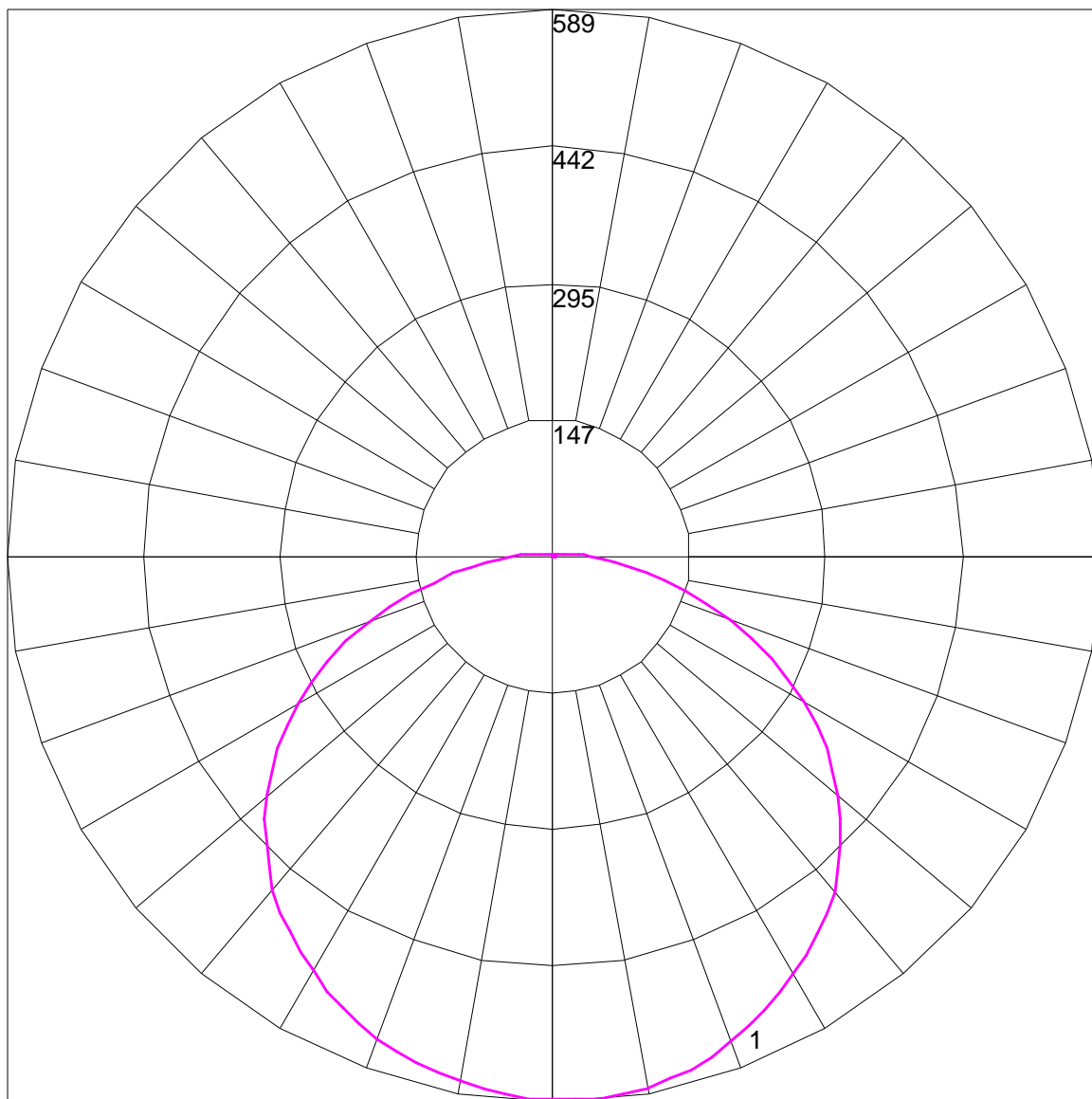
COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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 | 110 | 110 | 110 | 105 | 105 | 105 | 100 | 100 | 100 | 98 |
| 1 | 107 | 102 | 97 | 93 | 104 | 99 | 95 | 91 | 95 | 91 | 88 | 90 | 87 | 85 | 86 | 84 | 82 | 79 |
| 2 | 97 | 88 | 80 | 74 | 94 | 86 | 79 | 73 | 82 | 76 | 71 | 78 | 73 | 69 | 75 | 71 | 67 | 65 |
| 3 | 88 | 77 | 68 | 61 | 85 | 75 | 67 | 60 | 71 | 65 | 59 | 68 | 62 | 58 | 65 | 61 | 56 | 54 |
| 4 | 80 | 67 | 58 | 51 | 78 | 66 | 57 | 51 | 63 | 56 | 50 | 60 | 54 | 49 | 58 | 52 | 48 | 46 |
| 5 | 73 | 60 | 51 | 44 | 71 | 59 | 50 | 43 | 56 | 49 | 43 | 54 | 47 | 42 | 52 | 46 | 41 | 39 |
| 6 | 68 | 54 | 44 | 38 | 66 | 53 | 44 | 38 | 51 | 43 | 37 | 49 | 42 | 37 | 47 | 41 | 36 | 34 |
| 7 | 63 | 49 | 40 | 33 | 61 | 48 | 39 | 33 | 46 | 38 | 33 | 44 | 37 | 32 | 43 | 37 | 32 | 30 |
| 8 | 58 | 44 | 35 | 29 | 56 | 43 | 35 | 29 | 42 | 34 | 29 | 40 | 34 | 29 | 39 | 33 | 28 | 26 |
| 9 | 54 | 40 | 32 | 26 | 53 | 40 | 32 | 26 | 38 | 31 | 26 | 37 | 31 | 26 | 36 | 30 | 25 | 24 |
| 10 | 51 | 37 | 29 | 24 | 49 | 37 | 29 | 24 | 36 | 28 | 23 | 34 | 28 | 23 | 33 | 27 | 23 | 21 |

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POLAR GRAPH



Maximum Candela = 589.391 Located At Horizontal Angle = 67.5, Vertical Angle = 2.5
1 - Vertical Plane Through Horizontal Angles (0 - 180)