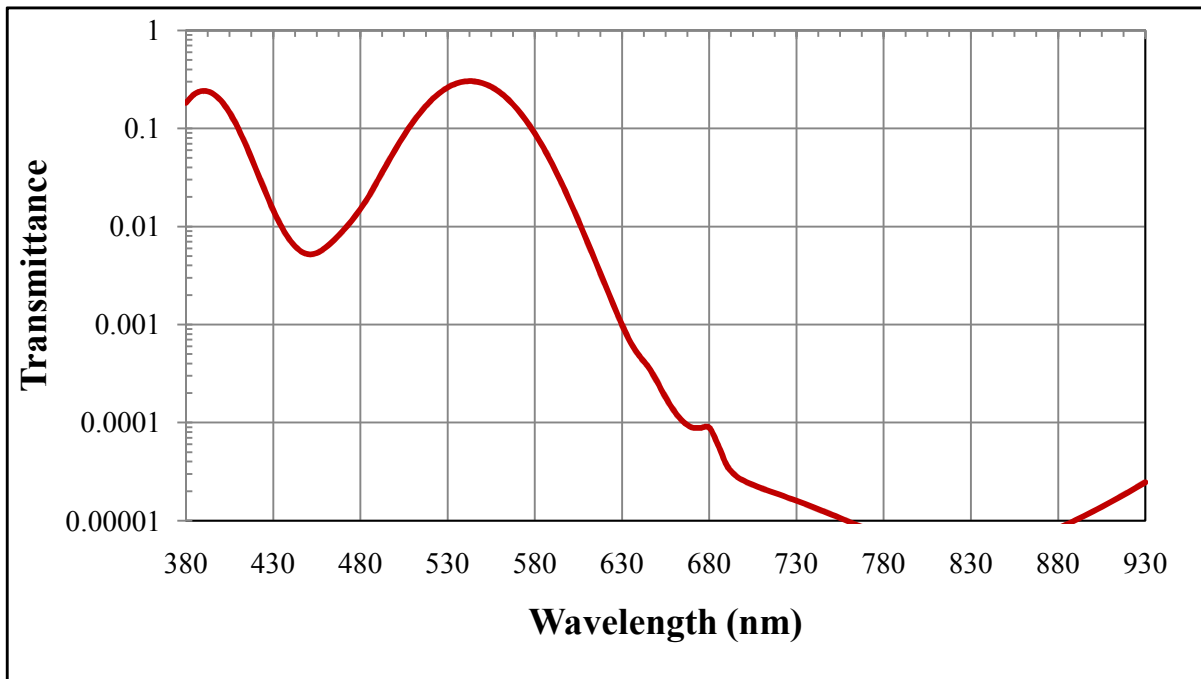


NVIS Green B White LED Source



Typical K0225 measured outputs:

| Chromaticity and NVIS Radiance | | | | | | |
|--------------------------------|-------|-------|-------|-------|-------|---------|
| Source | u' | v' | x | y | Y (%) | N/R B |
| White LED - 6815K | 0.117 | 0.571 | 0.295 | 0.639 | 17.2 | 9.4E-12 |
| Cree XPE White LED | 0.116 | 0.571 | 0.292 | 0.640 | 16.7 | 9.4E-12 |
| NICHIA NSSW100DT White LED | 0.121 | 0.574 | 0.306 | 0.646 | 16.9 | 1.1E-11 |

Contact Kopp Glass for any details regarding filter or light source specifics.

Physical Properties:

| | |
|--------------------------|-----------------------|
| Nominal Thickness | 2.00 mm |
| Refractive Index | 1.65 |
| Density | 3.73 g/cc |
| Linear Thermal Expansion | 105 E-7/°C (30-300°C) |
| Transition Temperature | 451 °C |
| Annealing Temperature | 463 °C |
| Deformation Temperature | 484 °C |



NVIS K0225 Transmittance Data:

| Wavelength (nm) | Transmittance | Wavelength (nm) | Transmittance | Wavelength (nm) | Transmittance | Wavelength (nm) | Transmittance |
|-----------------|---------------|-----------------|---------------|-----------------|---------------|-----------------|---------------|
| 380 | 0.18179 | 560 | 0.23242 | 740 | 0.00001 | 920 | 0.00002 |
| 385 | 0.22409 | 565 | 0.19458 | 745 | 0.00001 | 925 | 0.00002 |
| 390 | 0.24096 | 570 | 0.15620 | 750 | 0.00001 | 930 | 0.00002 |
| 395 | 0.22785 | 575 | 0.12032 | 755 | 0.00001 | | |
| 400 | 0.19184 | 580 | 0.08871 | 760 | 0.00001 | | |
| 405 | 0.14452 | 585 | 0.06317 | 765 | 0.00001 | | |
| 410 | 0.09939 | 590 | 0.04308 | 770 | 0.00001 | | |
| 415 | 0.06356 | 595 | 0.02853 | 775 | 0.00001 | | |
| 420 | 0.03888 | 600 | 0.01823 | 780 | 0.00001 | | |
| 425 | 0.02374 | 605 | 0.01144 | 785 | 0.00001 | | |
| 430 | 0.01475 | 610 | 0.00707 | 790 | 0.00001 | | |
| 435 | 0.00979 | 615 | 0.00431 | 795 | 0.00001 | | |
| 440 | 0.00709 | 620 | 0.00262 | 800 | 0.00001 | | |
| 445 | 0.00573 | 625 | 0.00160 | 805 | 0.00001 | | |
| 450 | 0.00522 | 630 | 0.00100 | 810 | 0.00001 | | |
| 455 | 0.00536 | 635 | 0.00065 | 815 | 0.00001 | | |
| 460 | 0.00608 | 640 | 0.00048 | 820 | 0.00001 | | |
| 465 | 0.00730 | 645 | 0.00037 | 825 | 0.00001 | | |
| 470 | 0.00902 | 650 | 0.00026 | 830 | 0.00001 | | |
| 475 | 0.01145 | 655 | 0.00018 | 835 | 0.00001 | | |
| 480 | 0.01504 | 660 | 0.00013 | 840 | 0.00001 | | |
| 485 | 0.02057 | 665 | 0.00010 | 845 | 0.00001 | | |
| 490 | 0.02960 | 670 | 0.00009 | 850 | 0.00001 | | |
| 495 | 0.04262 | 675 | 0.00009 | 855 | 0.00001 | | |
| 500 | 0.06073 | 680 | 0.00009 | 860 | 0.00001 | | |
| 505 | 0.08463 | 685 | 0.00006 | 865 | 0.00001 | | |
| 510 | 0.11441 | 690 | 0.00004 | 870 | 0.00001 | | |
| 515 | 0.14936 | 695 | 0.00003 | 875 | 0.00001 | | |
| 520 | 0.18823 | 700 | 0.00003 | 880 | 0.00001 | | |
| 525 | 0.22633 | 705 | 0.00002 | 885 | 0.00001 | | |
| 530 | 0.26053 | 710 | 0.00002 | 890 | 0.00001 | | |
| 535 | 0.28621 | 715 | 0.00002 | 895 | 0.00001 | | |
| 540 | 0.30031 | 720 | 0.00002 | 900 | 0.00001 | | |
| 545 | 0.30135 | 725 | 0.00002 | 905 | 0.00001 | | |
| 550 | 0.28880 | 730 | 0.00002 | 910 | 0.00002 | | |
| 555 | 0.26503 | 735 | 0.00001 | 915 | 0.00002 | | |