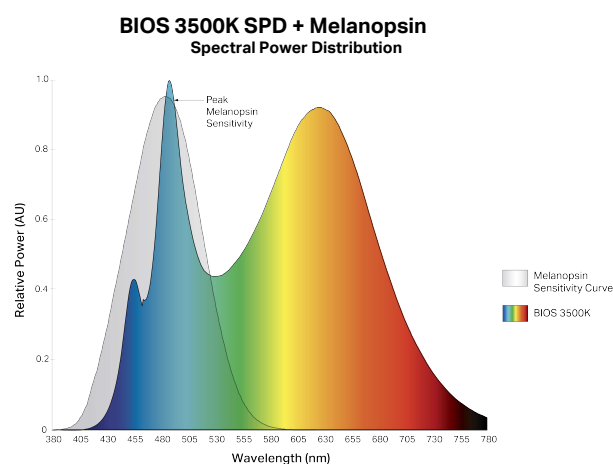
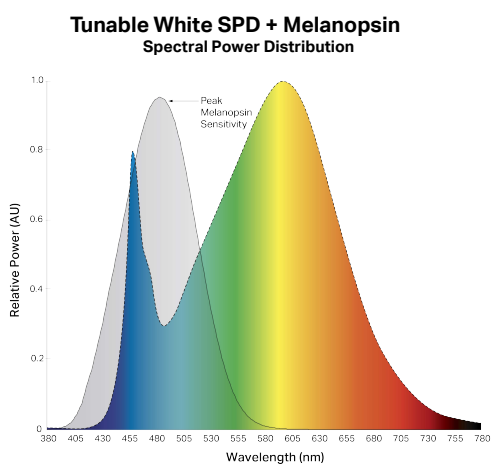
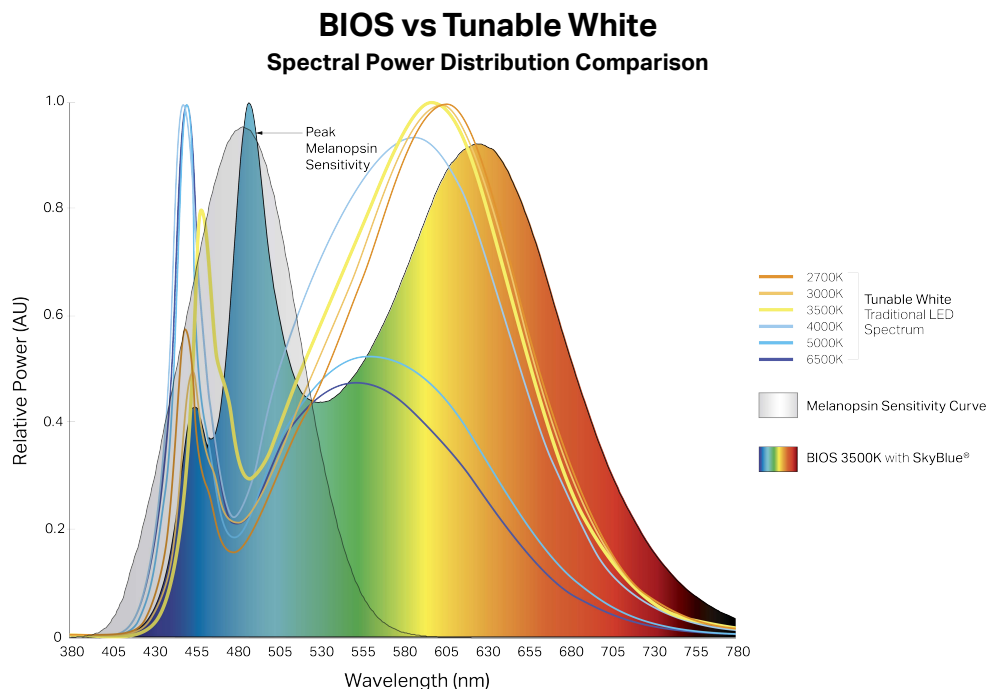


BIOS SPD Comparison

BIOS vs Tunable White



KEY TAKEAWAYS

- Research has shown that our circadian system has its peak sensitivity in the 'sky blue' region near 490nm.
- BIOS spectrum includes a distinct peak in the 'sky blue' region at 490nm where traditional LEDs (used for color tuning) have a significant drop in their sky blue content, regardless of color temperature.
- BIOS surpasses traditional white LEDs in melanopic content regardless of CCT.
- Beware of sources that claim to provide 'circadian lighting' and do not address this important wavelength within the visible spectrum.
- Color temperature (CCT) alone does not communicate whether a light source will have the proper spectrum to address the melanopsin sensitivity curve.