



SkyBlue™ LED Circadian Solutions



LIGHTING FOR HEALTHCARE

Increase Staff Productivity
Improve Medical Diagnostics
Improve Patient Outcomes
Reduce Energy Costs





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UNHEALTHY LIGHT AND CIRCADIAN DISRUPTION

With the 24-hour nature of healthcare environments, both staff and patients spend an inordinate amount of time indoors without access to important light signals their bodies need, leading to circadian disruption and a variety of health issues.

BIOS SKYBLUE™ - HAS THE SECRET INGREDIENT THAT TRADITIONAL LIGHTING DOESN'T HAVE

BIOS SkyBlue is the only LED circadian lighting solution that captures the lighting spectrum of the natural blue sky (490nm) to promote better sleep, better energy, and better wellness.

Traditional lighting lacks 490nm and a study by the Cleveland Clinic¹ concluded that higher amounts of this "blue-sky" (490nm) wavelength of light corresponded to better sleep, better moods and increased pain tolerance.

1 Office of Research and Innovation, Nursing Institute, Cleveland Clinic, Cleveland, Ohio.

Bernhofer EI, Higgins PA, Daly BJ, Burant CJ, Hornick TR. "Hospital lighting and its association with sleep, mood and pain in medical inpatients." Journal of Advanced Nursing. 2014 May; 70(5):1164-73

A MORE ACCURATE DIAGNOSIS

- BIOS SkyBlue solutions deliver far-red light (660 nm) that has the unique ability to penetrate the skin's "optic window" to enhance visual diagnosis, specifically vein delineation for cyanosis, which is a precursor to a host of medical ailments.
- BIOS SkyBlue meets the Cyanosis Observation Index (COI) requirements for visual assessment, providing a COI₁₀ of 3.3 at 3500K and a COI₁₀ of 1.5 at 4000K and a R9 of 90+.

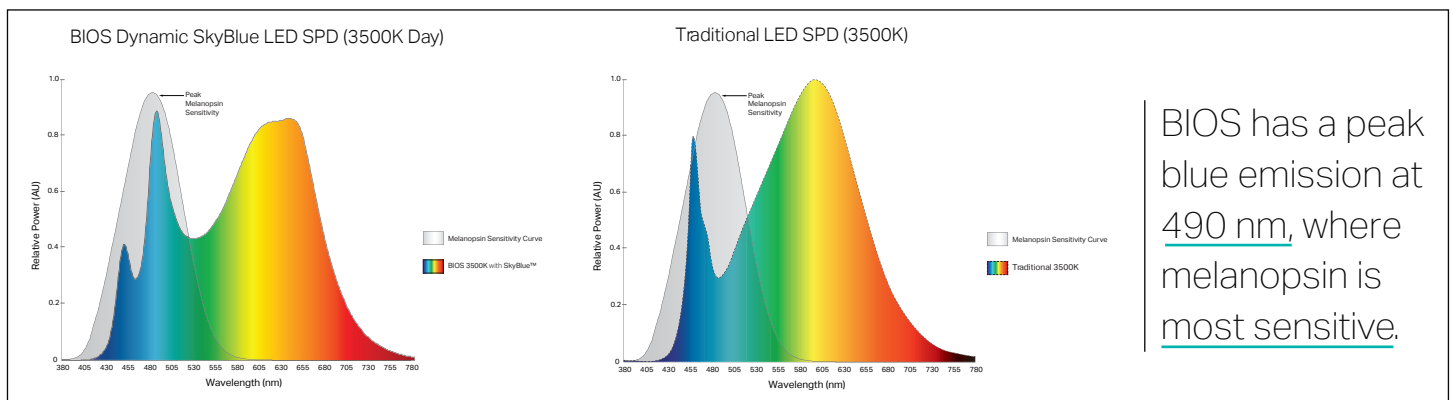
WELL BUILDING STANDARD™

BIOS SkyBlue lighting provides industry-leading LED technology that gives designers the tools they need, to create healthier spaces toward satisfying Circadian Lighting Design Feature L03 under the WELL Building Standard™ v2.

ABOUT BIOS

As former NASA engineers and researchers, our founders created lighting solutions to help astronauts regulate their circadian rhythms while on the International Space Station.

Today we continue to use these discoveries to innovate, creating bio-logical lighting solutions that redefine what is possible and improve the health and wellness of people here on Earth.



Specifications subject to change without notice.
Contact BIOS with any questions for the most current information.

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{Revision 1-2021 2/25}

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