



## BIOS LIGHTING FOR SENIOR CENTERS

Lower energy costs

Reduce reliance on pharmaceuticals

Reduce accident rates

Reduce overnight staffing needs



## LIGHT FOR LIFE

Caring for the elderly in senior living facilities comes with a variety of challenges, including confusion around day/night cycles for many residents who spend all day and night indoors — particularly those who suffer from dementia or Alzheimer’s disease. Traditional electric lighting does not provide the natural sky-blue light signals needed to reinforce and support healthy circadian rhythms. As a result, residents often end up in a constant state of “biological twilight” where they are not receiving the light signals needed to tell their bodies that it is daytime and when it is nighttime. BIOS® SkyBlue® lighting solutions include this important sky-blue wavelength found in daylight to help stimulate circadian rhythms and promote healthy sleep patterns.

## ADDRESSING SUNDOWNERS SYNDROME

Studies have shown that sky-blue light signals — usually only available through exposure to daylight — can help elderly residents mitigate the effects of this “biological twilight” state by providing a stronger daytime light signal. BIOS SkyBlue lighting solutions bring natural daytime light signal indoors to help improve mood and sleep while reducing symptoms of sundowners syndrome, depression, agitation and nighttime wandering.

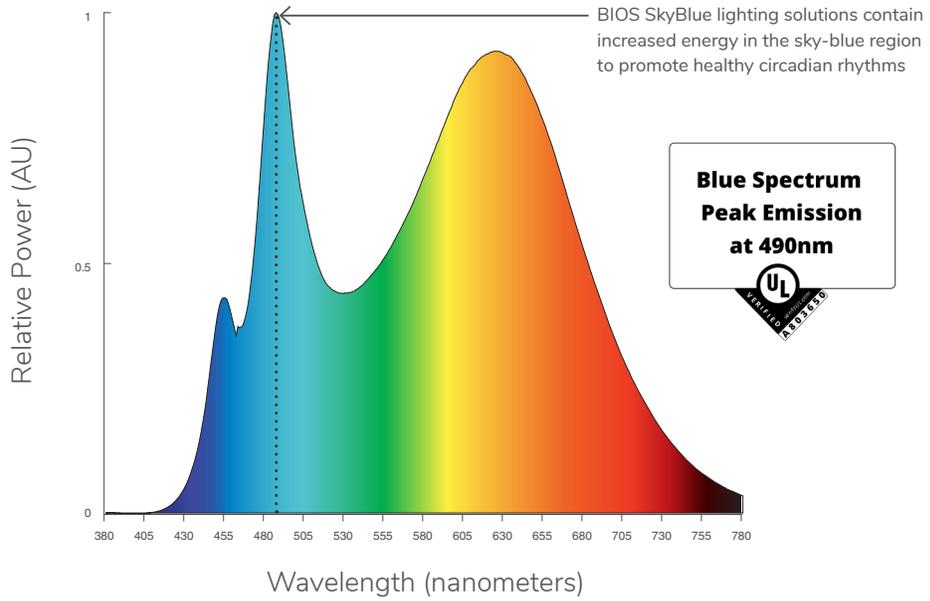
## A MORE NATURAL ENVIRONMENT

BIOS SkyBlue lighting solutions are the only electric lighting solution that brings the natural daytime light signal indoors to create a more comfortable and natural environment for the elderly. The solution can be integrated into virtually any architectural light fixture — from common areas to bedrooms to cafeterias — and enables a comfortable and familiar visual experience for residents and staff.

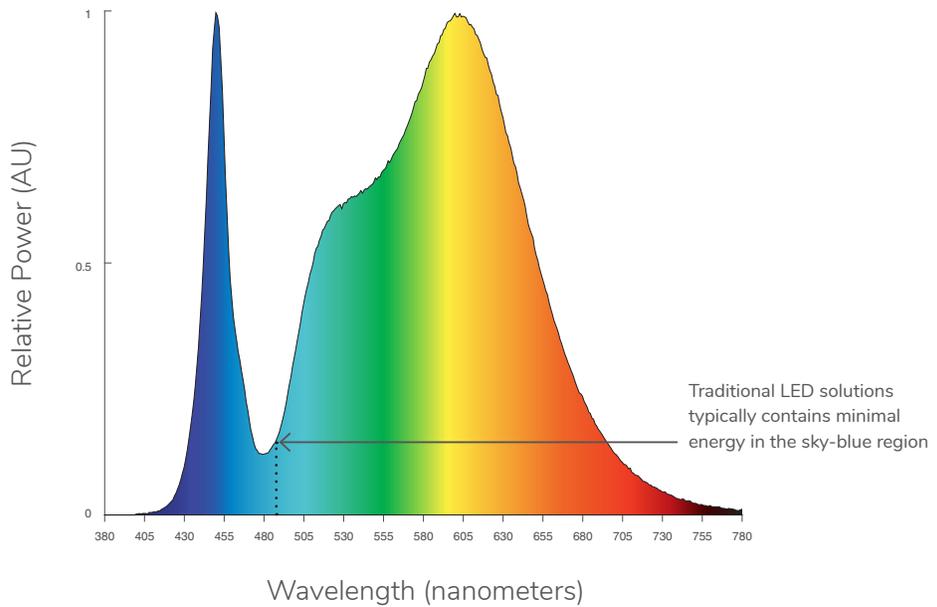
## WELL BUILDING STANDARD

BIOS lighting provides industry leading LED solutions that gives designers the tools they need, contributing toward satisfying Circadian Lighting Design Feature 54 under the WELL Building Standard® v1 and Feature L03 under the WELL Building Standard v2.

BIOS 3500K LED  
SPECTRAL POWER DISTRIBUTION



TRADITIONAL 3500K LED  
SPECTRAL POWER DISTRIBUTION





No complicated controls. No system overhaul. Just healthy lighting.

BIOS partners with lighting industry manufacturers and lighting designers to provide healthy, low energy lighting to everyone. Contact your lighting manufacturer to get lighting Illuminated by BIOS®

BIOS Lighting

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