



From the time we wake up to the time we go to sleep, we spend the majority of our waking hours indoors, which means we're constantly being exposed to artificial light with a blue spike in the spectrum. This is great for daytime hours when we want to be productive and alert, but as the day progresses into the evening, blue light becomes a melatonin inhibitor, which isn't good in supporting proper sleep and overall health.

To address this challenge, we're now entering a new era of healthy lighting options— first, with our completely blue-free products and soon we'll start to see dynamic lighting solutions enter the market, taking our technology one step further in developing products that most closely match light found only in nature.

—Soraa Founder, Board Member and Nobel Laureate, Shuji Nakamura

HEALTHY LIGHT MATTERS

Until now, all artificial light sources emitted blue light, including sleep-friendly LEDs that simply lower blue light, rather than eliminating it. That's why we developed Soraa ZEROBLUE™, the world's first blue-free lamp portfolio, designed with our proprietary ZEROBLUE™ technology.

Lighting designers now have the ability to fully outfit spaces with our growing portfolio of bluefree lighting solutions to help people get the sleep they need and deserve. By replacing blue content with Soraa violet phosphor, people can enjoy beautiful white light without the yellow found in other LEDs that attempt to lower blue content.

Support health and well-being with Soraa ZEROBLUE™, the first LED of its kind.

MEET THE FIRST & ONLY BLUE-FREE, SLEEP-FRIENDLY LED

100% BLUE-FREE LIGHT

Enjoy more restful sleep with the only completely blue-free LED in the market. No color schemes, no dimming, no sacrificed light quality.

SUPERIOR LAMP QUALITY

Flicker-free, dimmable and suitable for dry and damp locations, Soraa ZEROBLUE™ lamps are designed to emit sleep-friendly light anytime, anywhere.

ZEROBLUE A19/A60

Dimmable to <20% CCT: 2700K Output: 550lm

ZEROBLUE BR30

Dimmable to <20% CCT: 2700K Output: 650lm

Rated lifetime to L70: 25,000 hours whichever comes first.

- + UL/CUL
- + FCC Title 47
- + Part 15B RoHS

POWERFUL COLOR RENDERING
With high CRI and R9 values, Soraa
ZEROBLUE™ lamps render colors
beautifully even with the absence of blue spectral content.

Color Rendering Index (CRI): 80 Deep Red (R9): 90

HEALTH & WELL-BEING



SORAA ZEROBLUE™

Soraa ZEROBLUE™ technology emits white light without the presence of blue light that has been shown to have a negative impact on sleep cycles. Our industry-leading violet LED light makes it possible to render colors and whites beautifully, even with a wide gap in the blue range, with a CRI value of 80 and an R9 value of 90.



SORAA FLICKER FREE

Many LED lights have an invisible flicker that the eye is not able to detect. This is called a "stroboscopic" effect and has been shown to cause headaches, eye-strain and fatigue. Soraa ZEROBLUE™ is built to the highest standards to prevent the negative side effects of invisible flicker in both dimmed and undimmed states.



NO BUZZ

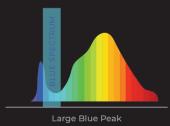
We use high-quality materials and construction to soundproof the light emitted by Soraa ZEROBLUE™. We also test at every level of power to make sure there is zero buzz, even when dimmed.



DIMMABLE

Not all dimming is created equal. Low-quality LEDs might buzz or visibly flicker at low power. Soraa ZEROBLUE™ lamps dim smoothly and look beautiful at any level of power, so people can enjoy blue-free light tailored to any ambience.

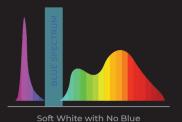
STANDARD LED

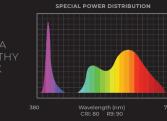


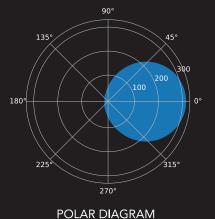




SORAA ZERO BLUE LED









CHASING THE BLUES AWAY THE SCIENCE BEHIND SORAA ZEROBLUE™ Our ZEROBLUE technology is the secret to helping people relax, ease into the evening, and enjoy more restful sleep. With this innovative technology, Soraa ZEROBLUE™ lamps emit a completely blue-free spectrum reducing melanopic lumens by ~40% compared to conventional LEDs, while also retaining a beautiful, soft white light quality, making them functional for any space. Our meticulously engineered mix of green and red phosphors produces a spectrum with a wide gap in the sleep-hindering blue range. Other LED manufacturers rely on dimming or color schemes to mask blue content in their products, but science proves the ineffectiveness of these methods. Only Soraa ZEROBLUE™ LEDs emit light with a completely blue-free spectrum. Not dim light, not color schemes, just healthy, blue-free white light. Learn more at: www.soraa.com/soraa-pro/technology/zeroblue SORAA ZEROBLUE™ BLUE SPECTRUM (Inhibits Melatonin Produc

SLEPING BEAUTY.



Finally, circadian-friendly light that looks as good as it feels.

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DREAM ON

THE FIVE-STAR SECRET

Fostering healthy sleep gives hotels an edge when seeking solutions that support healthier environments for their guests.

Distinguished and conscientious hotels put their guests' needs first. They know that business and leisure travelers need energy to accomplish everything on their lists, from leading successful meetings to unwinding in the most serene of settings.

Exposure to blue light in the evening, however, can get in the way of a good night's sleep. Outfitting the spaces they spend time in with Soraa ZEROBLUE™ lamps limits the possibility of blue light overexposure, helping them make the most of each moment.

Leave blue light to the sun so you can deliver the five-star hospitality your guests expect. Light and sleep are two vital, interconnected components of a life well-lived. Sleep fuels our waking success, improves our memory and cognitive capacity, and even plays a role in how long we will live. Bright blue light is what cues our internal circadian rhythm, specifically, the 'awake' phase of our biological clock, whereas the absence of blue is what cues the sleepy phase of our rhythm. Ill-timed light can disrupt our sleep, health, and well-being. Soraa's ZEROBLUE technology delivers a lighting solution that offers optimal benefit to the quality of your waking life without interrupting your sleep. ZEROBLUE is a solution at the intersection of lighting, circadian science, and life.



— Rebecca Robbins, PhD, Sleep Researcher & Author of *Sleep for Success!*





SORAA ZEROBLUE™ LAMPS

Soraa ZEROBLUE™ lamps provide optimal lighting solutions for spaces where promoting healthy rest and sleep yields daytime focus and productivity. Lighting designers, architects and specifiers can completely outfit a range of applications with the expanded collection of blue-free LED lamps. Dimmable and highly energy-efficient, Soraa ZEROBLUE™ lamps can be used in fully enclosed fixtures in both indoor and outdoor spaces:

Soraa ZEROBLUE A19 (E26) Soraa ZEROBLUE BR30 Soraa ZEROBLUE A60 (E27/B22)

Learn more about Soraa ZEROBLUE™ and detailed specifications at: www.soraa.com/soraa-pro/technology/zeroblue



SORAA zeroblue[™]



BR30

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We designed Soraa ZEROBLUE™ lamps with our unique Soraa ZEROBLUE™ technology, which means your body gets the biological benefits of blue-free light in the evening as nature intended. Nights are more restful, your body relaxes, and sleep comes more easily.

Soraa's patented ZEROBLUE technology advances LED science by creating an emitter of high-quality white light without blue radiation. Based on Soraa's world leading violet LEDs, Soraa combines an engineered mix of green and red phosphors to produce a spectrum with a wide gap in the blue range.

COMMERCIAL APPLICATIONS:

General Purpose Lighting, Schools, Hotels, Offices, Hospitals, and Healthcare Facilities.

HOME APPLICATIONS:

Areas where you spend time in the evening after sundown.

SPECS & FEATURES:

- + Integrated Soraa ZEROBLUE Technology
- + Replaces 65W incandescent bulbs
- + 2700K, Soft White, 120° LED
- + Output Range: 650 lumens
- + CRI 80, R9 90
- + Can be used in fully enclosed fixtures, in both indoor and outdoor locations
- + Dimmable and highly compatible
- + Flicker: Soraa ZEROBLUE™ demonstrates low levels of flicker in both dimmed and undimmed states.
- + Suitable for damp locations
- + Rated lifetime: 25,000hrs

BR30 MEASUREMENTS:

D 95 mm (3.74") H 129 mm (5.08") W 110g (3.88oz)

SORAA zeroblue



A19/A60

OVERVIEW

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COMMERCIAL APPLICATIONS:

General Purpose Lighting, Schools, Hotels, Offices, Hospitals, and Healthcare Facilities.

HOME APPLICATIONS:

Areas where you spend time in the evening after sundown.

SPECS & FEATURES:

- + Integrated Soraa ZEROBLUE Technology
- + Replaces 40-60W incandescent bulbs
- + 2700K, Soft White, Omnidirectional LED
- + Output Range: 550 lumens
- + CRI 80, R9 90
- + Can be used in fully enclosed fixtures, in both indoor and outdoor locations
- + Dimmable and highly compatible
- + Flicker: ZEROBLUE™ demonstrates low levels of flicker in both dimmed and undimmed states.
- + Suitable for damp locations
- + Rated lifetime: 25,000hrs

E26/E27 MEASUREMENTS:

D 63 mm (2.48") H 117 mm (4.61") W 30 g (1.06oz)

*Available Second Half of 2019

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