

IN THE BEST LIGHT[®]

TAILORING THE COLOR & CHARACTER OF LIGHT FOR EVERY APPLICATION



THE NEW RESIDENTIAL FRONTIER

Araya enables custom illumination profiles to replicate halogen dimming and warmer incandescent ranges as well as saturated colors with variable hues.

This is the great new frontier of color tuning, where precise natural light can be replicated throughout a residence, and then, as the hour changes, presets can be timed to warm the environment.



As each fixture can be collectively or individually tuned, illumination from room to room, of artwork and general spaces, can all be precisely defined.

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RETAIL

Nowhere is the potential of Araya as great as in commercial illumination. Consider the cosmetics floor of a major department store, where a thousand point source luminaires are employed. Now, cosmetics can be viewed in the appropriate day or evening light, and dressing rooms can be tuned for customers in the same way. The effects are even more breathtaking in jewelry stores. The opportunities for precise delivery of pure white light tuned to daytime settings are extraordinary.



ARCHITECTURE & LANDSCAPE ILLUMINATION

There are extraordinary opportunities in the outdoor lighting environment for controlled illumination. Especially with the addition of robust control of saturation and hue, designers and owners enjoy a level of precision heretofore impossible. Facades can be painted with the exact color desired, and plant materials can be individually selected and then illuminated. Scenes can be preset, and corporate brand colors can be introduced without gels or filters, which invariably shift over time.

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IMPROVING THE PHYSICAL & EMOTIONAL LIGHTING ENVIRONMENT

Sunlight triggers critical physiological and psychological reactions in all living beings. Araya can be tuned to optimize human comfort and wellness or to use color to communicate in the Internet of Things. Studying light in biological industries in addition to general lighting has yielded tremendous insight and innovation. That there is now the ability to offer indoor environments that replicate natural light holds measurable potential for improving productivity and general wellness indoors.



HEALTHCARE

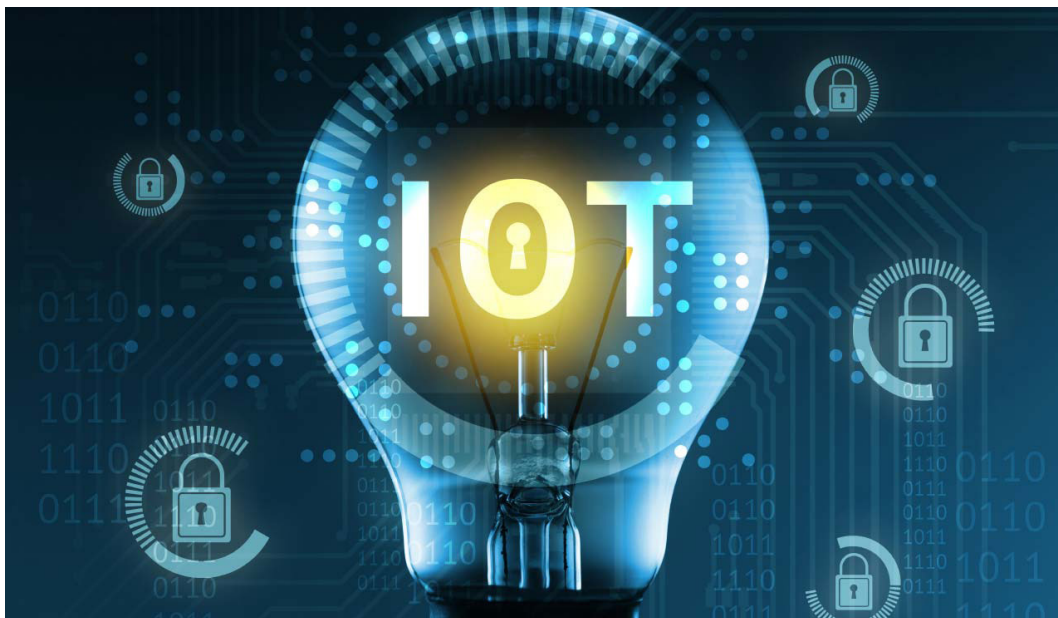
While research on the effects of light on health is on-going, the preliminary findings are very positive. Within a single healthcare facility, the requirements for lighting are extremely diverse—from patient comfort, visual acuity, late night vitals checks, meds distinction, physician visual diagnosis and overall wellness. Araya has a readily available solution for all of these.

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ARTISTIC & MUSEUM SPACES

Curators worldwide have immediately recognized the potential of Araya. Now, as never before possible, exhibitions can be mounted and illuminated to optimal effect—even dynamically during a viewing. Consider a Monet displayed in the exact natural light the artist painted under. Imagine works viewed as the hours and months change—again, simulating the exact location where the piece was created. Monet observed that “color is my day-long obsession, joy and torment.” Araya makes it possible to see art in an entirely new light.



THE INTERNET OF THINGS

Araya has incorporated wireless communications since the inception of our first commercially available module. While this wireless capability is both an excellent diagnostic tool as well as a control system, the wireless backbone is essential for lights to receive, confirm or issue commands in the age of the Internet of Things. And, Araya’s access to a wide gamut will enable color communication.