

Luxury LEDs: The New Essential for High-End Residences



Luxury homes are expected to have certain impressive features, like marble countertops or top-of-the-line appliances, maybe extra specialty rooms like home theaters and wine cellars.

Arguably the most universal mark of a luxury residence today is embedded LED lighting systems. LEDs have surged in popularity to become a real estate essential partly because they can be customized to dramatically highlight all the other luxury features of an opulent home.

And partly because the impact of LEDs goes way beyond first impressions. Flexible in shape, color, and intensity, they provide architects with a way to add practical illumination, compositional unity, and integration of interior and exterior spaces.

Here are a few basic guidelines related to architectural lighting and a few ways American Bright can help lay the technical foundations

Layered Lighting

Layered lighting design, sometimes called multilevel lighting schemes, employs a combination of ambient, task, and accent lighting. For example, luxury homes might install recessed ceiling lights, under-cabinet lights, and decorative pendants in a kitchen area for functional illumination, aesthetics, and ambience.

High-quality LEDs with the appropriate back shell can function in a host of fixtures, whether under cabinet, or overhead. Flexible [light strips](#) and rope lights can be embedded to highlight larger areas and to create a seamless and cohesive integration between areas of interest.

American Bright's own line of [AC](#) and [DC modules](#) can provide the reliable and UL-tested electrical controls behind a multi-layered lighting scheme.



Color Temperature

Architects and lighting subcontractors use different color temperatures of LED lights in different spaces. Often these colors are selected to accentuate the material color and architectural forms, or they can tune in to a specific mood suitable for the time of day and activity.

Warmer color temperatures (2700K-3000K) create a cozy and intimate atmosphere, while cooler color temperatures (4000K-5000K) can generate a bright and energizing force in more active spaces. Luxury homes often employ a range of color temperatures throughout the home.

Since color temperatures vary across a residence, designers need to ensure the whole of the composition is coherent and harmonious.

For the technical aside of color and temperature, consider American Bright RGB Addressable LEDs, which add precise and quality-tested color to any application. [RGB Addressable LEDs](#) are available in many sizes of strip and rope lights, as well as in easy-to-install packages.

Smart Controls

Smart lighting systems are increasingly *de rigueur* for new luxury homes. Residents can control light settings remotely through a smartphone or through voice commands. These might often be integrated with other home automation features like climate control and security.

Not only can room lights be adjusted to preferences, but lighting schemes can also be programmed to cycle throughout the day, transforming a space with different hues and temperatures from morning to afternoon to evening.

With decades of experience, American Bright can manufacture LED modules and flexible strips that can work with control systems and connect with smart home networks.



Centerpieces

While some light accentuates, in other settings it is the star of the show. Lighting designers and artists can take advantage of American Bright LED platforms and controls for an easy base on which to build creative expressions. These can include chandeliers or even longer suspended sculptures built in style and materials of your choice.

Explore the process of these [lighting designers](#) who used American Bright's [AC module](#) to make their line of intriguing modern interior pendant lamps and chandeliers.