

LAViD Designs Fall Newsletter



LAViD Designs specializes in **Lighting Design, Lighting Control Systems Design, and Audio/Video Systems Design** in Commercial and Residential projects.

Phone: 707-665-9170

Web: www.laviddesigns.com

E-mail: info@laviddesigns.com



Lighting Control: Considering Natural Light

Although a Lighting Designer spends the majority of time assessing electrically produced light, it is important to consider natural lighting as well. Natural light can be a wonderful resource, but comes with its own challenges when designing a space. Controlling the natural light that enters a room plays a key role in the overall design. Frequently motorized shades are included in projects for privacy, minimize glare and significantly reducing heating cost. Some motorized shades can be automatically set to operate at certain times of day. Other systems allow for sensors to monitor incoming light and adjust accordingly. Hundreds of fabrics in various colors are available to meet designers needs. Some manufactures now have environmentally friendly materials in their collections. LEED credits can be obtained for including motorized shades in certain projects.

Facts of Standby Power

We know most electronics are not truly 100% OFF when the power button is pressed on a remote control or click of the mouse. Devices go into "Standby" or "Sleep" mode which draws a continual amount of power. Is there significant savings by unplugging electronics from the wall completely turning off TV's, Computers, Satellite/Cable boxes?

Fully unplugging electronics will save energy, but there are repercussions that should be evaluated. Some devices need standby power to save configuration settings such as TV's and stereo systems. Digital Video Recorders (Tivo's) use standby power to record shows and download important guide information. Computers communicate with hard drives or servers to back up important documents automatically while in Sleep mode.

As you can see from the chart below, most electronics use less than a night light while in the Standby or Sleep mode. Having to manually plug in or flip a master switch when needing to use these everyday devices may not be practical. Resetting settings or loosing important computer information may be a inconvenience despite the savings. Devices that are often overlooked that can be completely unplugged when not in use to help savings are cell phone chargers, iPod chargers, or laptop chargers.



	Power In Use	Standby or Sleep Mode
Cable/Satellite Box	29w	28w
LCD TV	28w	1.5w
Surround Sound System	40w	.3w
Desktop Computer	74w	21w
Night Light	4.5w	.2w

About LAViD Designs

LAViD Designs specializes in Lighting Design, Lighting Control Systems Design, and Audio/Video Systems Design in Commercial and Residential projects. Our goal is to find the best possible solution while keeping in mind important factors such as esthetics, ease of use, and energy savings. We are able to design systems that best fits the clients needs and budget.

Projects in the Works

- Custom Residential Estate, Sonoma County
- Custom Residential, Napa County
- Custom Residential, Lake County
- Exterior Remodel, Marin County
- Commercial TI, Sonoma County