

Unique LED Lighting System Kicks the AC Habit

When was the last time you saw a caution sign that said “Danger Low Voltage” - Probably never.

That’s because low voltage lighting is safer than anything else.

It is also more efficient and creates the most sustainable approach for indoor lighting.

The Conturrent™ lighting system is today’s solution for tomorrow’s lighting needs.



Conturrent stands for **Controlled Current** and that’s what this unique lighting system does.

It controls direct current electricity delivering the utmost in modern efficient lighting.

A NEW BRIGHT SPOT ON LIGHTING

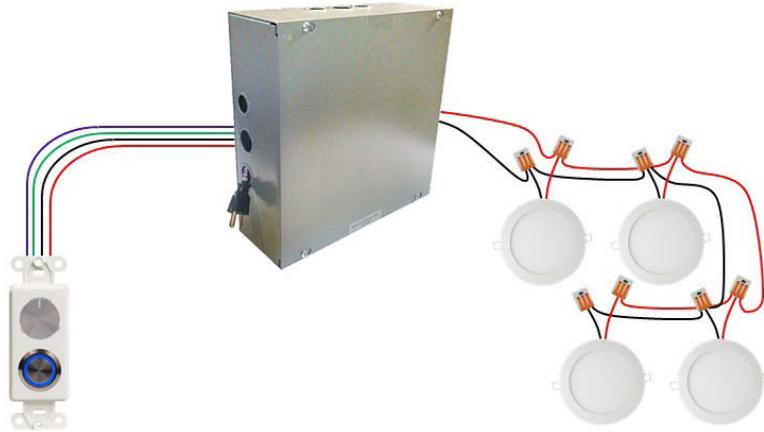
Go buy a new efficient LED light and the odds are that it is made for use in a 120 volt AC (alternating current) circuit. The way these lamps work is that in each light, or attached to each light, is a step-down transformer that converts 120 AC voltage to a lower DC (direct current) voltage. A home or office with 50 of these lights has 50 transformers generating heat and wasting energy. That’s taking a new LED technology and adapting it to work with the existing GRID which is older than all of us.

The power industry is changing to where more and more energy will be supplied locally. Some power will be wind or water generated but a good amount will be solar or fuel cell generated which raises the question of - why use AC power for many of your household needs?

NEW CONSTRUCTION

Get with a real sustainable solution where you can wire a house more quickly, use less material and do it without those clunky metal high hat ceiling cans. Conturrent lighting uses super thin 22 gauge wire (thinner than speaker wire) which makes wiring a breeze while using considerably less copper (that’s money saved and resources not consumed). And those big clunky metal cans above the ceiling with nuisance trim rings are all a thing of the past. Conturrent lamps are beautiful self-contained aluminum castings that snap into a ceiling quickly and eliminate all the work and materials associated with traditional fixed-lighting systems.

A home’s entire lighting system can be delivered in a few boxes rather than a truckload of boxes and Conturrent lamps come in a variety of temperature colors and lumen outputs.



Conturrent lighting is a better, more efficient, longer lasting lighting system that uses fewer materials than any other lighting approach while at the same time increasing a builder's bottom line. That's a three-way savings. Installation - Energy Use - Overall Cost

REMODELING

When limited ceiling height in that basement or attic remodeling project starts creating installation headaches that's when a Conturrent lighting system can be the ultimate solution. A Conturrent system only needs an inch or so of space for mounting lamps in the ceiling. If it is wallboard or ceiling tile simply cut a hole and pop the lamps in. Nothing could be easier. Each lamp is held securely in place with simple stainless steel retainer clips.



CONNECTIONS

Lamp connections are just as easy. Each lamp comes with two easy to use WAGO connectors. Just strip some insulation off the 22 gauge wire supplying power to the lamp, stick it in the WAGO and click down the lever. No screws. No wire nuts. Just a quick and easy rock-solid connection.

Talk about being cool. A 6-inch 9-watt 900-lumen Conturrent lamp was tested at full brightness for 6 hours. Starting lamp housing temperature 68° F - - - six hours later 70° F.

WHAT ABOUT AMPERAGE?

That's just one more place where a Conturrent system can save you money and eliminate more materials. The entire Conturrent system can run off of one 15A circuit breaker. That's electrical efficiency that saves you money. One breaker and no ARC Fault breakers. If installed in a remote location away from a breaker box the Conturrent control panel can even be plugged into a dedicated duplex outlet.



LAMP LIFE



Remember those CFL light bulbs that were supposed to last for years and years? The ones you have already replaced? Conturrent lamps are way different. LED lamps are supposed to last much longer. But, often the heat generated by the step down transformers in most LED lights or the unstable voltage supplied by cheap attached transformers shortens LED life.

Because Conturrent lamps have no step-down electronics they operate at near room temperature which allows the LED's to burn brightly for many, many years. Talk about being sleek, check out a 4 inch and 6 inch light compared to an iPhone.

Some of the Conturrent lamps have an estimated life of 100,000 hours which at 3 hours per day calculates out to an expected life of 91 years. That's a lighting system that just might outlast the structure. Think about an office where you never have to replace lightbulbs.

Conturrent lamps with their integral trim ring are made of solid cast aluminum treated with a smooth electrostatically applied white decorative finish.

AC/DC NOT THE BAND.

Isn't it crazy that a power plant makes super high voltage AC electricity that gets bumped down in voltage repeatedly to ultimately be turned into DC voltage for many household uses?

Now a Conturrent system can use local DC power for lighting and other appliance uses.

SOLAR OVERKILL

Electricity generated from the sun is absolutely fantastic. No moving parts. No harmful emissions. It truly is remarkable compared to using carbon-based fuel supplies. Yet, one must ask whether homeowners need to put in place massive expensive panel installations to handle old world consumption needs. Everything is getting more efficient these days and the power needed to make things work is becoming less and less. Years ago desktop computers had high wattage power supplies and CRT screens today's devices use a fraction of that electricity and most of it is in the form of D.C. (direct current).



Conturrent has done the same thing to household lighting. Conturrent lighting is so efficient it can be run off of a small inexpensive solar setup during the daylight hours and from a small battery package at night. For a nominal capital investment one can take a portion of your electrical usage totally off-the-grid. Whether your home is out in the wilderness or in a location where hurricanes and storms interrupt your utility supplied power a Conturrent lighting system can provide you with light while everyone else is in the dark.

And if you don't want to go for solar a lesser alternative is a simple battery back-up system that gets trickle charged from line voltage and is ready to use when the power goes out.

AmeriSus is a private company and is not listed on any publicly traded exchanges.

AmeriSus Homes, AmeriSus Financial, AmeriSus NetZero, AmeriSus Plus and AmeriSus Life are all AmeriSus affiliates and a part of the AmeriSus brand focused on creating Personal Sustainability *through affordable housing*.

American Sustainability Initiative, AmeriSus, AmeriSus Homes, AmeriSus Financial, AmeriSus Net-Zero, AmeriSus Plus, AmeriSus Life, Readi Build, HELP, Cap & Save, The Experience, City Benefits, BLAT's, WANDA, Island Flooring, Rebuild Our Coastal Consortium, R.O.C.C., and Conturrent are all American Sustainability Initiative LLC trademarks.

For more information contact:

Rita in Marketing at:

Tel 202 729-7491
Fax 603 590-1551
email rita@AmeriSus.com

www.AmeriSus.com
www.Conturrent.com