

8 Reasons You Should Upgrade Your Florescent Lighting



Flickering or intermittent fluorescent lighting can be very annoying and often you find yourself jiggling the light switch while crossing your fingers hoping the lights will even come on. Well, there is a very affordable way to replace this troublesome lighting with new LED (light-emitting diode) technology and you don't even have to change the light fixtures if you don't want to. Let's take a quick look at the advantages of LED technology and why this is superior to fluorescent.

1. **Energy Efficiency:** LED lights are highly energy-efficient compared to fluorescent lights. LEDs convert a larger percentage of electrical energy into light, resulting in less energy wasted as heat. This efficiency translates into lower electricity bills and reduced environmental impact.
2. **Lifespan:** LEDs have a significantly longer lifespan than fluorescent lights. While fluorescent lights usually last around 10,000 to 15,000 hours, LED lights can last 25,000 to 50,000 hours or even longer. This longer lifespan means less frequent replacements and lower maintenance costs.
3. **Durability:** LEDs are more durable than fluorescent lights. They are made of solid-state components, making them resistant to shock, vibration, and damage from external factors. Fluorescent lights, on the other hand, contain fragile glass tubes and are more prone to breakage.
4. **Instantaneous Start:** LEDs provide instant illumination when turned on, whereas fluorescent lights often require a warm-up period before reaching full brightness. This feature is particularly useful in areas where immediate illumination is crucial, such as in retail stores or offices.
5. **Dimming Capabilities:** LED lights are easily dimmable, allowing for greater control over the lighting ambiance and energy consumption. Fluorescent lights, especially older models, may not offer the same level of dimming capabilities.
6. **Flexibility in Design:** LEDs come in various shapes and sizes, making them more versatile for different lighting applications. They can be integrated into different fixtures, such as recessed lights, track lights, or strip lights, providing more design options for both residential and commercial spaces.
7. **Environmentally Friendly:** LED lights are considered more environmentally friendly than fluorescent lights. They do not contain mercury or other hazardous substances, which are present in fluorescent bulbs. Additionally, LED lights are easier to recycle.

8. **Directional Lighting:** LEDs emit light in a specific direction, reducing the need for reflectors or diffusers to redirect the light. This characteristic makes LEDs more efficient in applications where focused or directional lighting is required, minimizing wasted light and improving overall efficiency.

With all of the advantages LED offers, converting a fluorescent light fixture into one that uses LED lighting can be a great way to upgrade your lighting system. It's always advisable to seek professional assistance when working with electricity to ensure safety and proper installation. If you are located in or near the Lafayette Louisiana area, check out **Quinn's Home Improvement** at WWW.QHILLC.COM or call/text (337) 282-0280. We have extensive experience in converting fluorescent to LED lighting and we would love to hear from you.

