

Your Hometown Service People

See Lighting in a New Light

Lighting is often a forgotten system because it has no perceived direct effect on monthly expenses. However, upgrading your lighting system is one of the best energy-efficiency measures you can undertake in terms of payback, ease of implementation, and energy savings.

You have a lot of options when it comes to choosing lighting for your home or business. To help you decide which option is best for you, here is how the most popular lighting technologies compare to each other.

Benefit (if ballast matches bulb)	Light-Emitting Diode (LED)	High Performance Linear Fluorescent	Induction	Compact Fluorescent Lamp (CFL)*	High-Intensity Discharge (HID)	Incandescent/Halogen
Long Life	●	●	●			
High Energy Efficiency	●	●	●	●	●	
Dimmable	●	●		●		●
Low Price		●		●	●	●
Instant On	●	●				●

Why Upgrade to LED and High-Performance Fluorescent Lighting

LED and high-performance fluorescent technologies offer significant advantages over older technologies. Not only do these lighting technologies use less energy, but also they operate at lower temperatures, which helps reduce cooling costs. They also last much longer and require less maintenance. Best of all, these advanced technologies offer you all these benefits with equal or better quality light.

Why Consider LEDs

LED lighting is a rapidly evolving technology that uses semiconductors to convert electricity into visible light, which offers so many advantages over traditional light sources. LEDs also differ from other light sources in that they emit light in a specific direction, instead of in all directions, making them not only efficient, but also well suited for down lighting applications.

Benefits

LEDs use significantly less energy, last longer, turn on and off instantly, and can be equipped with dimmers and motion controls for more energy savings. ENERGY STAR®-qualified LED lighting:

- Uses at least 75 percent less energy than incandescent lighting.
- Lasts 20 times longer than incandescent lighting and about two to five times longer than fluorescent lighting, reducing maintenance costs.
- Produces very little heat, reducing cooling costs.
- Does not flicker when dimmed or draw power while turned off.
- Offers brightness equal to or greater than existing lighting technologies, with consistent light output and color quality.
- Comes in a wide variety of styles, colors and sizes to fit any décor and task.
- Brings lighting systems up to date to meet new state and federal energy reduction requirements

Why Consider High-Performance Fluorescents

Today's high-performance T5 and T8 linear fluorescent fixtures with electronic ballasts last longer, produce a better quality of light and are far more energy efficient than older, first generation T8 and T12 linear fluorescent fixtures with magnetic ballasts. Using these next-generation fluorescents with their improved lens design not only saves energy, but also reduces glare and improves visibility to create a better environment for customers, employees and tenants.

Benefits

The benefits of using these next-generation fluorescents (either as new installations or retrofitting older T8 and T12 fixtures) include:

- Realizing savings up to 40 - 50 percent on fixture energy usage and up to 10 percent on electric bills when retrofitting T8 fixtures.
- Reducing glare and increasing visibility due to improved lens design.
- Using them in combination with other fluorescent lighting-based measures, such as low ambient/task lighting, delamping configurations and occupancy sensors for more energy savings.
- Reducing cooling costs since these products generate far less heat than older T8 and T12 lamps and fixtures.

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