

Utah customers – Now is the time to switch

Lighting standards are changing –
act soon to save energy and money

To improve energy efficiency, **new national standards for the manufacture of linear fluorescent lamps will become effective on July 14, 2012.** Most types of T12 linear fluorescent lamps (and some T8s) will not meet the new requirements and cannot be manufactured or imported for sale in the United States after this date.

Revised federal standards also require the use of electronic ballasts instead of magnetic ballasts for all new fixtures, and for all replacement ballasts sold by a manufacturer as of October 1, 2010.

What changes mean to you

- The new federal standards will limit the availability of replacement parts for T12 lighting systems as manufacturers cease production of most lamps and magnetic ballasts. Upgrading to T8 or T5 lighting systems generates significant energy and cost savings, provides better-quality light, and prepares facilities for the phase-out of most T12 lamps in 2012.
- Rocky Mountain Power offers incentives for retrofitting T12 light fixtures to newer, more-efficient premium T8 or T5 fluorescent technologies. These incentives help reduce project payback. **Incentives for upgrades could change, and may not be available for standard T8 lighting systems once they become standard equipment.**

Take advantage of current wattsmart incentives

Our FinAnswer® Express program provides pre-calculated cash incentives when you install high-efficiency lighting, HVAC and other equipment at your facility. Here are some examples of incentives currently available in **Utah** for replacing T12 lighting:

Replace T12 fluorescent lighting with	Incentive
4' T8 Lamp ≤ 32 Watts, electronic ballast with ballast factor ≤ 0.88.	\$3/lamp <i>This incentive will no longer be available effective July 14, 2012.</i>
4' CEE Qualified Reduced Wattage or High Performance T8 Lamp and CEE Qualified Ballast included on qualified ballast list	\$7/lamp
4' CEE Qualified High Performance T8 Lamp. Must replace T12HO (incandescent or HID) in a high ceiling application.	\$20/lamp
4' Nominal T5 Lamp ≤ 28 Watts, Ballast Factor ≤ 1.0	\$5/lamp
4' Nominal High Output T5 Lamp (high bay)	\$20/lamp

Visit our website for links to qualified equipment lists.

For even greater savings, incentives also are available when you add controls such as occupancy sensors as part of your project.

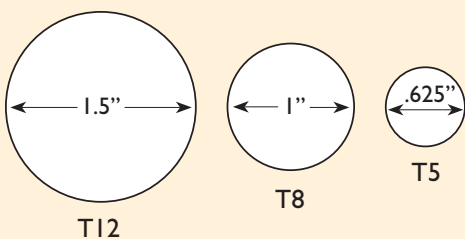
Before starting your lighting upgrade:

- Talk to a participating vendor
- Call us toll free at **1-800-222-4335**
- Visit rockymountainpower.net/wattsmart and use our online inquiry form

To be eligible for incentives, sign an incentive agreement with us before signing purchase orders for your new lighting.



Compared to older T12 technology, newer premium T8 technology has many advantages that save on energy and maintenance costs, including lower energy use, more light production and longer life. Electronic ballasts also have benefits such as quieter operation and instant start.



Federal Fluorescent Lighting Standard Changes

Frequently Asked Questions

Why are most T12 fluorescent systems effectively being phased out?

The Energy Policy Act (EPACT) of 2005 and the Energy Independence and Security Act (EISA) of 2007 are two recent energy legislative rulings that have been passed by the federal government. This legislation has significant impacts on lighting technologies, specifically linear fluorescent lamps, since the minimum efficacy (lumens per watt) standards have increased.

The increase will effectively eliminate the production of most T12 fluorescent technologies as well as the original first generation T8 fluorescent lamps, which are considered outdated compared to today's higher performance T8 and T5 fluorescent technologies.

What happens on July 14, 2012?

First, effective in October 2010, magnetic ballasts can no longer be manufactured or imported for sale since they do not meet the minimum efficiency standard. As a result of this federal regulation, electronic ballasts are the only type available for purchase for T12 lamps. In addition, **effective July 14, 2012, all linear fluorescent lamps manufactured or imported for sale in the U.S. must meet more stringent efficacy standards.** See our website for details on these standards.

What common fixtures are expected to be affected?

- T12 4-ft. & 2-ft U-lamps with medium bi-pin bases
- T12 8-ft. Slimline with single pin bases
- T12 8-ft. 800mA HO with RDC bases
- T8 4-ft. & 2-ft. U-lamps with medium bi-pin bases
- T8 8-ft. Slimline with single pin bases
- T8 8-ft. HO with RDC bases

Can I buy T12 lamps after July 14, 2012?

The sale of lamps that do not pass the more stringent efficacy standards will not be prohibited on or after July 14, 2012. You will be able to purchase these lamps until the available supplies are exhausted. While it's not known exactly how long the supply will last, it could be a couple of months or up to several years after this regulation takes effect. However, the price of T12 lamps could increase as the supply diminishes or only specialty lamps may be available.

The effect of the new standards may vary depending on where you are located, the total number of T12 lamps in use in 2012, availability of replacement lamps, stringency of energy codes and other factors. Also, please note that there are a few types of T12 lamps in the market that currently meet the new efficacy standards.

Should I upgrade all my T12 lamps now?

Yes! Take advantage of incentives that are available today for replacing T12 fixtures with T8 or T5 fluorescent lamps and ballasts. The current incentive program will likely change as standard T8 lamps become the industry standard and no longer require incentives for installation. By converting sooner, you will benefit from available incentives as well as immediate energy savings that will help your business save money on monthly utility costs.

Learn more at rockymountainpower.net/lightingstandards.



Weber School District

Weber School District in Ogden received nearly \$64,000 in Rocky Mountain Power incentives for lighting and other upgrades at 15 schools and a maintenance facility. The upgrades included replacing T12 linear fluorescent lamps and magnetic ballasts with T8 lamps and electronic ballasts as well as other upgrades. As a result, the district is saving nearly \$40,000 in energy costs annually. Pictured from left: Weber School District's energy manager James Child, facilities director Drew Wilson and energy manager Reyn Allen.



Let's turn the answers on.

