

# T12 Lighting Phase Out > July 1, 2010



The U.S. Department of Energy's fluorescent lighting mandate is official. As of **July 1, 2010** magnetic ballasts most commonly used for the operation of T12 lamps will no longer be produced for commercial and industrial applications. Also, many T12 lamps will be phased out of production starting July 2012.

use financial incentives to help offset the cost of purchasing and installing T-8 and T-5 fluorescent systems.

- The Energy Efficiency Fund pays up to 50 percent of the installed cost for qualifying T-12 replacement projects.
- Special T-12 project financing of 2.99 percent is available for qualified businesses!

## What should I be prepared for?

- Manufacturers will be phasing out their production of T12 lamps and ballasts
- Progressively less availability of T12 lamps and ballasts
- Increased cost of T12 lamps and ballasts due to demand vs. limited supply
- To keep up with federal regulations of energy efficiency, manufacturers' technology and production will be focused on T8 and T5 systems
- Limited-time opportunity (2010) to access enhanced Connecticut Energy Efficiency Fund incentives for T12 upgrades

## What support can I get for upgrading to an energy-efficient lighting system?

- The Energy Efficiency Fund partners with The Connecticut Light and Power Company and The United Illuminating Company to provide their commercial, industrial, and municipal customers a variety of energy saving programs. These programs

## What T12 Lamps are affected by this phase out?

- T12 4-ft. & 2-ft U-lamps with medium bi-pin bases
  - Majority of F40 and F34T12 lamps and all FB40 and FB34T12 U-lamps
  - 4-ft. requires 3560 lumens @ 40W and 3030 lumens @ 34W to pass @ 89 LPW
  - 2-ft. U-lamps require 3360 lumens @ 40W and 2856 @ 34W to pass @ 84 LPW
- T12 8-ft. Slimline with single pin bases
  - All 75W F96T12 lamps
  - All 60W F96T12/ES except for the 800 Series
- T12 8-ft. 800mA HO with RDC bases
  - All 110W F96T12 HO lamps
  - All 95W F96T12/ES/HO lamps

## Did you know?

Approximately 30 percent of all fluorescent lamps sold in the U.S. are still T12 technology. As a result of the T12 phase out, 70 percent of all T12 fluorescent lamps sold in the U.S. will be phased out come July 2012.



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# Frequently Asked Questions



## 1. Why are T12 fluorescents systems being phased out?

**Answer:** T12 lamps and magnetic ballasts are considered outdated compared to the far more energy efficient T8 and T5 fluorescent technologies now available. The Department of Energy's objective is to remove less efficient T12 fluorescent systems from the market, and thus increase lighting energy efficiency for organizations.

## 2. What type of energy savings can I expect for upgrading?

**Answer:** Managers of facilities can select from several upgrade scenarios which could result in energy savings as high as 45 percent, with attractive 1-3 year simple paybacks to the building owner.

## 3. Why are Energy Efficiency Fund incentives only offered for a limited time on T12 upgrades?

**Answer:** Once the DOE mandate becomes effective, it will become common practice to remove less efficient T12 systems; therefore, retrofitting T12 systems will be the customer's only option for maintaining their old, inefficient lighting system. Energy Efficiency Fund incentive programs will likely not support commercial and industrial T12 system retrofits in the future.

## 4. Are there some T12 systems that will continue to be manufactured?

**Answer:** Yes. The following will continue to be manufactured:

- T-12 ballasts designed to dim fixtures more than 50 percent of their full light output
- T-12 ballasts driving 8-foot, high-output fixtures designed for outdoor advertising
- T-12 ballasts designed and labeled for use in residential applications

## 5. Should I gradually change out my T12 magnetic ballast system or should I change it all at once?

**Answer:** In order to take advantage of the Energy Efficiency Fund's 50 percent upgrade incentive, a project must upgrade the lighting system as a whole, not as individual fixture upgrades.



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