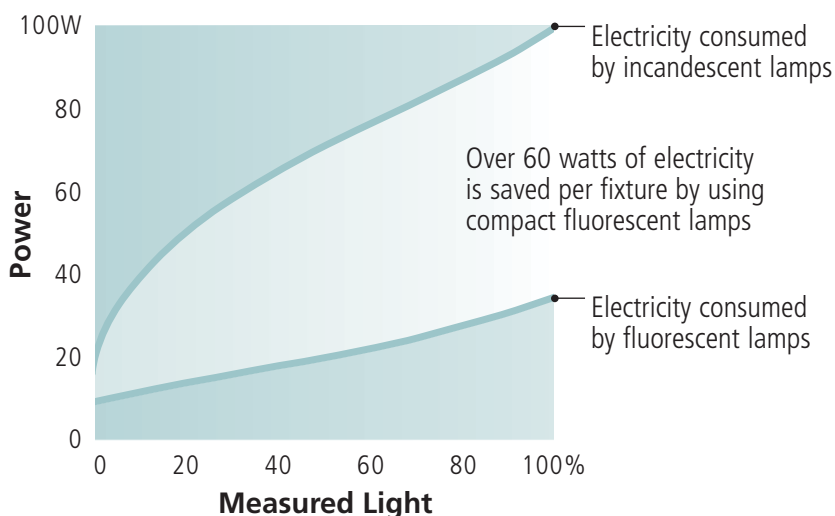


Residential Fluorescent Dimming

Fluorescent dimming adds flexibility, while providing energy savings and a cost-conscious solution.



Fluorescent lamps are replacing incandescent lamps in a growing number of residential uses. Fluorescents are preferred for their long life and efficient, energy-saving performance. Recent residential energy codes and many utility companies encourage the use of fluorescents instead of incandescents. Lutron has led the innovation of commercial dimming ballasts for 30 years and now this technology is available for your home. You can enjoy incandescent-like performance from dimmed fluorescent lamps that last up to 10 times longer and consume 1/4 the energy during operation. Lutron control with Lutron ballasts assure 100% compatibility and satisfaction.



Dimming fluorescent saves energy

Fluorescent lighting uses about a 1/4 of the energy of incandescent lighting. In a typical installation, a 26W compact fluorescent lamp (CFL) produces higher light output than a 100W incandescent lamp. As both sources are dimmed, fluorescents continue to be a more efficient light source.

For further information, see the Lutron "Fluorescent Dimming Systems Selection Guide," P/N 366-002

How to select fluorescent dimming for your home

1 Lamps

Residentially rated dimming ballasts are available for 4-pin 26W lamps (CFTR26W and CFQ26W), and 4-pin 32W lamps (CFTR32W).

Lamp suggestions:

- 26W Compact: replace 75W – 100W incandescent bulbs
- 32W Compact: replace 100W – 150W incandescent bulbs

Note: Lutron ballasts and dimmers provide superior dimming performance with 4-pin compact fluorescent lamps (compared to “dimmable” screw-in compact fluorescent types). Screw-in compact lamps with self-ballasted base, are not recommended for dimming with Lutron dimmers.





2 Fixtures and Ballasts

Dimmable fluorescent fixtures with Lutron dimming ballasts are available from most major fixture manufacturers. Specify the correct lamps and the Tu-Wire® dimming ballasts to be installed in the fixture, from the table below.

3 Dimming Control

Tu-Wire dimming ballasts use the same wiring method as incandescent fixtures. Use a Lutron Tu-Wire dimmer in place of the wall switch. Lutron offers a wide variety of controls for dimming Tu-Wire ballasts and fixtures, request Lutron P/N 366-002 for more information.

Residential Dimming Ballast Selection

Compact Fluorescent Lamp Type	Lamp Watts Generic Name	Replaces Incandescents	Lamps per Ballast	Ballast Current	Tu-Wire® 5% Dimming
T4 4-Pin Triple-Tube 	26W CFTR26W/GX24q	75W – 100W	1	.27 A	2W-T426-120-1-S ¹
	32W CFTR32W/GX24q	100W – 150W	1	.33 A	2W-T432-120-1-S ¹
T4 4-Pin Quad-Tube 	26W CFQ26W/G24q	75W – 100W	1	.27 A	2W-T426-120-1-S ¹

¹ Mounting studs standard. Delete suffix -S if mounting studs not desired.

* For more information on Lutron dimming ballasts for your home or office, please refer to the Lutron Fluorescent Dimming Systems Selection Guide, P/N 366-002, or visit www.lutron.com.