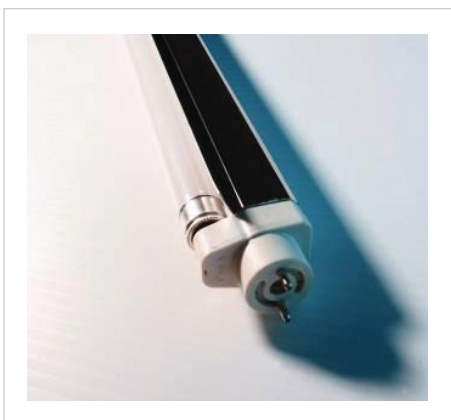


EcoLight

# WHO KNEW IT COULD BE SO EASY TO CONVERT TO T5 FLUORESCENT LIGHTING?



The EcoLight®T5 adapter allows for a universal direct conversion of T12 or T8 lamps to T5. The product is cost competitive and easy to install, helping you reap considerable energy and dollar savings.

## Recommended Installations

Offices  
Factories  
Schools  
Warehouses  
Institutions  
Retail Outlets

## Warranty

3 year limited warranty

## HOW IT WORKS

Lightweight and easy to install, the EcoLight T5 adapter features an electronic ballast and T5 fluorescent lamp in one unit. The EcoLight fits directly into an existing T12 or T8 fluorescent lamp fixture, eliminating replacement and disposal costs. To install, the existing ballast is bypassed by cutting the live and neutral wires, connecting directly into the original fixture's tombstones. The EcoLight installs into the fixture exactly as if it were a fluorescent lamp.

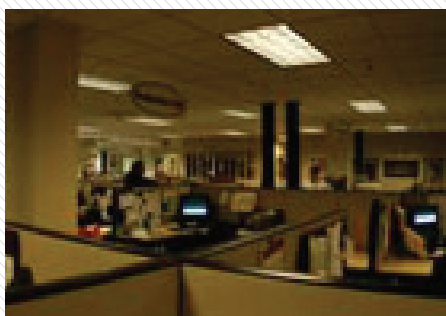
Converting to T5s from T12s or T8s results in energy savings of up to 52% and the payback period is between one and three years. In addition to the energy savings, T5s produce more light, offer better color rendering and lumen-maintenance performance than T12 lamps.

## MAJOR BENEFITS

- Energy savings—up to 52% on T12 retrofits, up to 33% for T8
- Simple and cost effective installation
- Longer lasting—60,000hrs/adapter and 15,000hrs/bulb
- Short term pay-back, with incentives available
- New T5-HE (high-efficiency) bulbs provide better CRI and greater lumen output
- Ratchets to tilt light
- Powered by an internal ballast, no buzzing

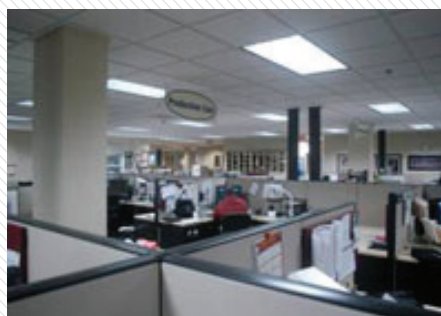
**PHOTO COMPARISON**

T12 linear Fluorescent Lamps



62 CRI  
34 Watts/ per Lamp  
160 Watts/ per Fixture

EcoLight T5 Adapter



96 CRI  
28 Watts/ per Lamp  
56 Watts/ per Fixture

**TECHNICAL SPECIFICATIONS**

**Physical Properties**

End Caps ..... Resin Plastic  
Shaft ..... Aluminum  
Ballast ..... Electronic—Programmed Start  
Power Factor ..... 120V >.97 / 347V >.99  
Harmonic Distortion ..... <20%  
Operation Frequency ..... 35 KHz  
Ambient Temperature ..... -15° to +50° C

**Regulatory Approval**

Safety ..... UL/C-UL Classified



**Model Specifications**

T5 Model #	Model	Volts	Fixture Size (ft)	Watt	Length (mm)
T5/28 FSA	EcoLight Standard	120	4'	28	1149
T5/28 FSA /C	EcoLight Standard Bi-Pin w/connector	120	8'	56	2 x 1149
T5/28 FSA/CS	EcoLight Standard Single Pin w/connector	120	8'	56	2 x 1149
T5/28 FAH	EcoLight Advanced	347	4'	28	1149
T5/28 FAH/C	EcoLight Advanced Bi-Pin w/connector	347	8'	56	2 x 1149
T5/28 FAH/CS	EcoLight Advanced Single Pin w/connector	347	8'	56	2 x 1149