

# SYLVANIA HIGH PERFORMANCE T8 SYSTEMS

## QUICKTRONIC® High Efficiency Systems with OCTRON® T8 Fluorescent Lamps

### High Efficiency Systems

#### Lamp/Ballast Guide

**OCTRON® Primary Lamp Types:**  
FO32XPS, FBO31XP & FO17XPS

**Also operates:**  
FO25/SS, 28/SS, 30/SS and FBO29/SS lamps

#### Key System Features

- High Efficiency Systems – over 90% efficient
- Lowest power T8 Systems
- Universal voltage (120-277) & 347V models

High Efficiency T8 Electronic Ballasts are available in:

Low, Normal and High ballast factor versions for applications requiring the highest efficiency lowest power instant start systems.

We also have PROStart® (Programmed Start) high efficiency systems available in Low, Normal and High ballast factor versions for applications with frequent switching requirements such as occupancy sensors.



#### Application Information

##### SYLVANIA QUICKTRONIC High Efficiency Systems

are ideally suited for:

- New construction
- Energy retrofits
- Commercial & retail
- Hospitality & institutional
- Any application where the lowest power T8 systems are needed for maximum energy savings

The lighting industry today demands HIGH PERFORMANCE systems that minimize energy and maintenance costs. This demand can be met with High Performance T8 Systems as defined by the CEE (Consortium for Energy Efficiency).

OSRAM SYLVANIA has driven this market with systems that meet or exceed the CEE requirements. We call them the SYLVANIA High Efficiency T8 Systems and they offer:

- Greatest energy efficiency
- Highest light output
- Longest lamp life

These high performance T8 systems utilize QUICKTRONIC High Efficiency T8 Instant Start and PROStart electronic ballast models and OCTRON EXtended Performance Super ECOLOGIC (XPS) T8 32-watt fluorescent lamps.

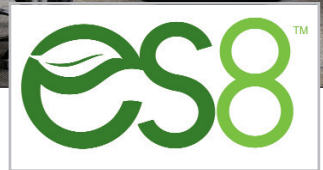
QUICKTRONIC T8 High Efficiency, (QHE) ballasts typically save about 2-5 watts per ballast compared to standard

#### System Information

The High Efficiency T8 Systems utilizing the QUICKTRONIC QHE electronic ballasts and OCTRON XPS lamps provide the following benefits when compared to standard electronic ballasts and 700 series T8 lamps:

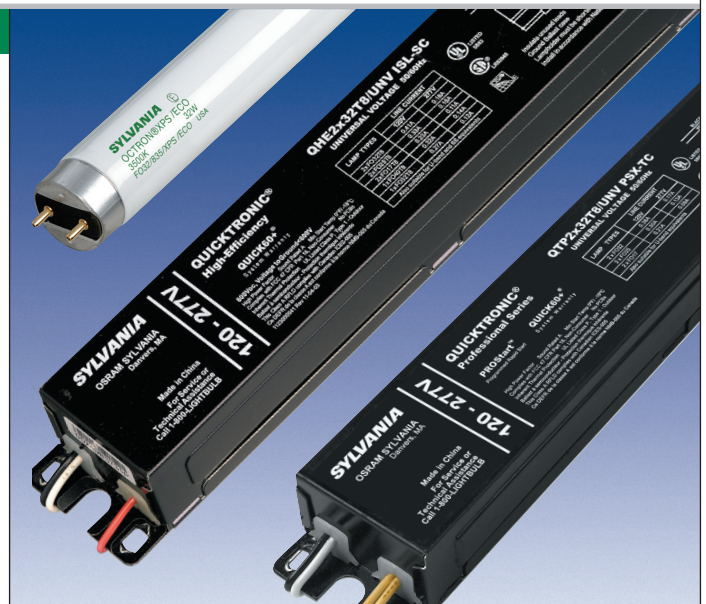
- 20% reduction in energy costs
- 2.4 times longer lamp life which reduces both maintenance costs and components entering the waste stream
- 17% higher mean lumens for higher maintained light levels
- Superior color in a choice of 4 color temperatures to enhance the look of any space
- Lowest cost of ownership and fastest return on investment to improve cash flow for any business

When you couple this system with highly efficient luminaires such as the Lithonia Lighting ES8® luminaire (shown above), the energy savings can be up to 44% compared to standard T8 systems.



T8 ballasts while providing the same light output. The second important feature of the system is the OCTRON XPS T8 lamp which provides 11% higher initial and 17% higher maintained lumens than standard 700 series T8 lamps. The XPS lamps also provides over twice the lamp life

which drastically reduces maintenance costs. XPS lamps have a Color Rendering Index of 85 and are available in 4 color temperatures (3000K, 3500K, 4100K and 5000K).



CEE High performance T8 Systems must meet certain minimum lamp and ballast requirements. For specific lamp and ballast requirements, please see the CEE website [www.cee1.org](http://www.cee1.org). CEE has requirements for 4-foot full wattage 32W

T8 lamps and energy saving 4-foot lamps (i.e 30W, 28W & 25W SUPERSAVER® lamps)



\*ES8 is a product of Lithonia Lighting.

