

PENTRON PREMIER™ T5 Fluorescent System

OSRAM SYLVANIA, the recognized leader in T5 fluorescent technology, introduces the PENTRON PREMIER T5 system. Designed together, this lamp and ballast combination offers lighting designers and specifiers new options and unbeatable performance for any lighting application. We created two unique QUICKTRONIC PREMIER™ PROStart® ballasts to meet the efficiency requirements of a wide variety of lighting environments. Where stepped dimming is required or desired, we developed two new QUICKTRONIC PREMIER QUICKSTEP® ballasts. Our engineers optimized these ballasts to deliver precise light output with the lowest possible energy consumption. Teamed up with our new PENTRON PREMIER ECO® 28 Watt T5 lamps, this unique light engine delivers unmatched system performance. PENTRON PREMIER ECO lamps utilize state-of-the-art phosphor technology to provide the highest lumen output of any 28 Watt T5 lamp in the world. Installed in an optimally designed fixture, a 2-lamp PENTRON PREMIER system delivers up to 33% energy savings compared to an ordinary 18 cell 3-lamp T8 parabolic. This new system helps designers meet and exceed today's stringent energy codes such as California Title 24, ASHRAE/IESNA 90.1-2001 and the International Energy Conservation Code – 2003.



QUICKTRONIC PREMIER™ PROStart® T5 Ballasts

A Dramatic Improvement In Ballast Technology

Combining PENTRON PREMIER ECO lamps with the new family of QUICKTRONIC PREMIER PROStart T5 ballasts yields the highest efficiency T5 system currently available – up to 100 lumens per watt. There are four models of two-lamp QUICKTRONIC PREMIER PROStart ballasts to tailor the light output of the system to a wide variety of lighting applications.

Exclusive Control & Switching Options

The QUICKTRONIC PREMIER QUICKSTEP® ballasts provide the flexibility of delivering light at either 100% or 50% power levels. The QUICKSTEP ballast can be controlled by a variety of line voltage devices such as conventional wall switches, occupancy sensors or relays. Since the QUICKSTEP ballast dims both lamps together, the entire fixture remains lighted, eliminating the unsightly dark cells associated with switched dual ballast parabolics. This feature gives designers a new and unique option for stepped dimming requirements. It also helps them meet today's new, more stringent energy codes.

Dependable Performance

QUICKTRONIC PREMIER PROStart ballasts deliver optimum lamp starting conditions providing up to 100,000 switching cycles when used with occupancy sensors and building control systems. Our patented QUICKSENSE® ballast technology meets ANSI standards for monitoring system performance and shutting down the lamps reliably and safely at end-of-life.

Design Options

In order to deliver the greatest system design flexibility and varied lumen packages, the universal voltage QUICKTRONIC PREMIER T5 ballast family offers either 0.95 or 1.15 ballast factors. Both are available in switched or fixed output models.



PENTRON PREMIER ECOLOGIC® T5 Lamps

A Dramatic Improvement In Lamp Technology

The newest addition to our growing family of slim 5/8" diameter T5 lamps, PENTRON PREMIER ECO 28 Watt lamps provide record breaking performance on all fronts.

Astonishing Performance

In developing PENTRON PREMIER ECO lamps our engineers perfected the latest advancements in phosphor technology. Our precise blend of three super efficient, rare earth phosphors yields unparalleled light output. These amazing lamps achieve an unprecedented 109 lumens-per-watt with 95% lumen maintenance over their 20,000 hour rated life. The lamps are available in three color temperatures with a high color rendering index to meet the color demands of any lighting design.

Environmentally Friendlier

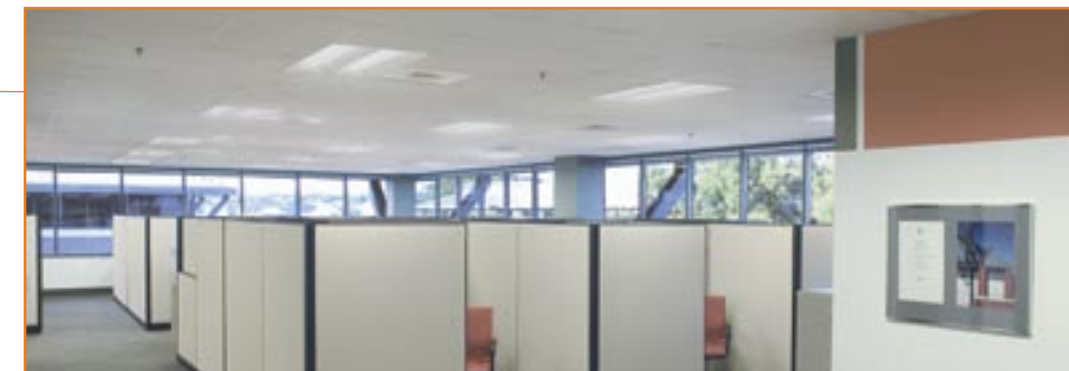


PENTRON PREMIER ECO lamps use less mercury, glass and phosphor than ordinary "environmentally friendly" T8 lamps. All PENTRON PREMIER ECO lamps pass the Federal Toxicity Characteristic Leaching Procedure (TCLP) criteria¹ and meet all local and state labeling regulations for disposal².

SYLVANIA ECO® PRODUCTS

ECOLOGIC is more than just a single product solution to today's environmental issues; SYLVANIA ECO products comprise an entire family of lighting options guided by our unique life-cycle approach to product development. This approach places strict environmental focus on all stages of lamp life, driving our continual search for improvement — and we have more ECO products than any other lamp manufacturer in North America.

¹ TCLP test results are based on NEMA LL Series standards and are available on request.
² Lamp disposal regulations may vary; check your local & state regulations.



The Bottom Line

OSRAM SYLVANIA is the global leader in lamp and ballast systems. We pioneered The System Solution™, developing families of optimally matched energy saving lamps and highly efficient electronic ballasts. All SYLVANIA lamp and ballast systems are covered by the QUICK 60+® warranty, the first and most comprehensive system warranty in the industry, providing better coverage, more service options and, more importantly, peace of mind. The PENTRON PREMIER T5 system is one more example of how our years of experience give us the competitive advantage.

Great lamps. Great ballasts. Great warranty. Great combination!