



The evolution of general lighting

Philips 25W T5 lighting systems

PHILIPS
ADVANCE

PHILIPS



Drive for energy efficiency with T5 systems

For years, T8 lighting has been the standard choice for general-purpose lighting applications. From commercial offices and healthcare facilities to schools and government buildings, they are everywhere. However, rising energy costs, new legislation, and the need for improved sustainability have prompted building managers and lighting specifiers to look toward T5 systems for lighting solutions that can deliver improved efficiency without compromising light levels or quality.

Philips Lighting is leading the charge with one of the lowest-wattage 25W T5 systems available today.^{1*}



Raising the bar for sustainability

Engineered to optimize energy efficiency and energy savings, Philips 25W T5 systems deliver exceptional lighting performance in any general-purpose application, providing the same light output as 28W systems.*

By pairing Philips Advance Optanium ballasts with Philips Energy Advantage 25W lamps, these systems offer significant advantages over competitive systems:

- Lower input power*
- Highest lumens per watt — average 7 more than the competition^{2*}
- Longest life — average 4,000 hours more than the competition^{2*}

In addition to helping reduce your energy consumption, the Philips Lighting 25W system can support overall sustainability goals and may contribute toward LEED certification.

**RoHS
COMPLIANT**

Alto
Lamp Technology

- Lowest mercury content — one of the least amounts in the industry³
- RoHS-compliant⁴
- Aids in meeting ASHRAE 90.1-2010
- Optanium step-dim ballasts meet California's Title 24 requirements by reducing power to 50%

*See table on next page for details.

Lighting System	Mean Lumens ⁵	Rated Average Life ⁶	Mean System Lumens ⁷	System Watts ⁸	System Lumens per Watt
Philips 25W	2,750	40,000	5,225	54	97
Philips 28W	2,750	35,000	5,225	58	90
Competitor 26W ²	2,660	30,000	5,054	56	90
Competitor 28W ²	2,900	36,000	5,510	58	95

The Philips Lighting 25W T5 systems also feature long-life lamps (rated average life of 40,000 hours⁹), which can help minimize the frequency of maintenance and reduce your lamp recycling costs.

And these systems may also qualify for utility rebates. Check with your local utility provider for more information.

The confidence of choosing a proven provider

Choosing Philips Lighting 25W T5 systems is simply a smart decision. With more than 100 years of industry experience and industry-specific expertise, Philips Lighting is leading the way toward a brighter, more sustainable future.



As part of a full, comprehensive lighting portfolio, Philips Lighting 25W T5 systems represent the state of the art for general lighting applications from a proven lighting partner. In addition to helping save energy and improve sustainability,¹⁰ having a single point of contact for any support issues related to lamps or ballasts can make life simpler for building managers and lighting specifiers.

Remember to register this lamp/ballast combination for our Plus 90 warranty. Go to www.philips.com/advance and click on Support > Warranty > Plus 90 Protection on the left side of the page.

These systems also feature up to a 42-month lamp/60-month ballast warranty for greater peace of mind.¹¹

Contact your Philips Lighting representative today to learn more about how Philips Lighting 25W T5 systems can make a difference in your world.

¹Based on Philips and competitive data as of July 2012.

²Based on commercially available published data. As of September 2012.
<http://www.gelighting.com/LightingWeb/na/resources/document-library/>
<http://www.sylvania.com/en-us/tools-and-resources/Pages/product-literature.aspx>
³1.4mg of mercury.

⁴Restrictions on Hazardous Substances (RoHS) is a European directive (2002/95/EC) designed to limit the content of 6 substances [lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls (PBB), and polybrominated diphenyl ethers (PBDE)] in electrical and electronic products. For products used in North America compliance to RoHS is voluntary and self-certified.

⁵Mean lumens are the approximate lamp lumen output at 40% of the lamp's rated average life. This output is based upon measurements obtained during lamp operation on a reference ballast under standard laboratory conditions.

⁶Rated average life is the length of operation (in hours) at which point an average of 50% of a large sample of lamps will still be operational and 50% will not.

⁷Two-lamp system with 0.95BF ballast (Mean Lumens x 2 x 0.95 = Mean System Lumens).

⁸Ballast input power operating two lamps at 0.95BF.

⁹Average life under engineering data with lamps turned off and restarted once every 12 hours.

¹⁰"Sustainable" refers to the lower energy consumption needed when a dimmable ballast is operating at reduced light output levels, which can lead to lower carbon emissions as compared to a similar fixed output ballast.

¹¹See www.philips.com/advance for complete ballast warranty details. For lamp warranty details, please see the SAG-100 lamps catalog.



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