

Philips Energy Advantage T8 25W Extra Long Life Lamps featuring ALTO® Lamp Technology

Environmentally Responsible Lamps:
Energy Saving, Extra Long Life and Low Mercury



Photo © Z. Jedrus

Ideal for applications where energy savings and longer relamp cycles would be beneficial



▶ Maximum Energy Savings

- Save 7 watts per lamp instantly and up to 25% in energy costs when compared to a 32W T8 lamp
- Save \$28 in energy costs over the rated average life of the lamp¹ when compared to a 32W T8 lamp

▶ Extra Long Life

- Extra long life lamps extend the relamping cycle, thereby reducing maintenance and disposal costs
- 40,000 hours rated average life³ at 12 hours per start on instant start ballasts
- 46,000 hours rated average life³ at 12 hours per start on programmed start ballasts

▶ Sustainable Lighting Solution

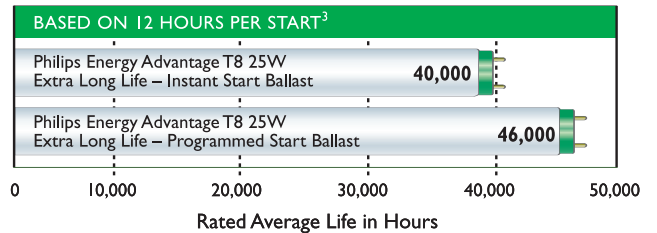
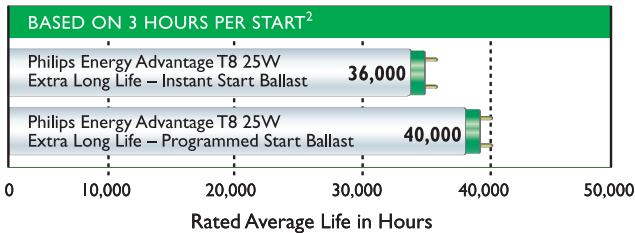
- Reduces the impact on the environment
- Low mercury
- Energy efficient
- Extra long life means fewer lamp changes

▶ Operates on any Instant Start and Programmed Start Ballast⁴

▶ Philips Energy Advantage T8 25W Extra Long Life Warranty Period: 48 Months

1) Based on 30,000 hour rated average life @ .10¢ per KWH @ 12 hours per start on an instant start ballast.
 2) Average life under specified test conditions with lamps turned off and restarted no more frequently than once every 3 operating hours. Lamp life is appreciably longer if lamps are started less frequently.
 3) Average life under engineering data with lamps turned off and restarted once every 12 operating hours.
 4) Starting voltage should be equal to or greater than 550V. These lamps are not recommended for use where the temperature in fixture is below 70°F. Striations may occur where air movement is present in fixture. For best operation, use ballast with anti-striation circuitry.

Philips Energy Advantage T8 25W Extra Long Life Lamps Rated Average Life



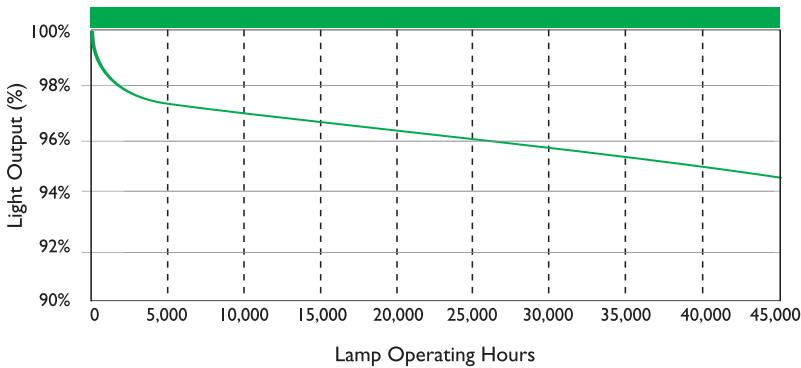
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Electrical, Technical and Ordering Data (Subject to change without notice)

Product Number	Ordering Code	Package Qty.	Color Temp. (Kelvin)	Nominal Length (in)	Rated Average Life (hrs) ¹		Approx. Initial Lumens ²	Design Lumens ³	Color Rendering (CRI)	Lumen Maintenance
					12-hr on Instant Start	12-hr on Programmed Start				
Ⓔ 152066	F32T8/ADV830/XLL ALTO 25 WATT	25	3000K	48	40,000	46,000	2400	2330	85	97%
Ⓔ 152074	F32T8/ADV835/XLL ALTO 25 WATT	25	3500K	48	40,000	46,000	2400	2330	85	97%
Ⓔ 152082	F32T8/ADV841/XLL ALTO 25 WATT	25	4100K	48	40,000	46,000	2400	2330	85	97%
Ⓔ 152090	F32T8/ADV850/XLL ALTO 25 WATT	25	5000K	48	40,000	46,000	2350	2280	85	97%

- 1) Average life under engineering data with lamps turned off and restarted once every 12 operating hours.
 2) Approximate initial lumens. The lamp lumen output is based upon lamp performance after 100 hours of operating life, when the output is measured during operation on a reference ballast under standard laboratory conditions. For expected lamp lumen output, commercial ballast manufacturers can advise the appropriate ballast factor for each of their ballasts when they are informed of the designated lamp. The ballast factor is a multiplier applied to the designated lamp lumen output.
 3) Design 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.
 Ⓔ Lamp meets US Federal Minimum Efficiency Standards.

Philips Energy Advantage T8 25W Extra Long Life Lamps 97% Lumen Maintenance



† This lamp is better for the environment because of its reduced mercury content. All Philips ALTO® lamps give you end-of-life options which can simplify and reduce your lamp disposal costs depending on your state and local regulations.

