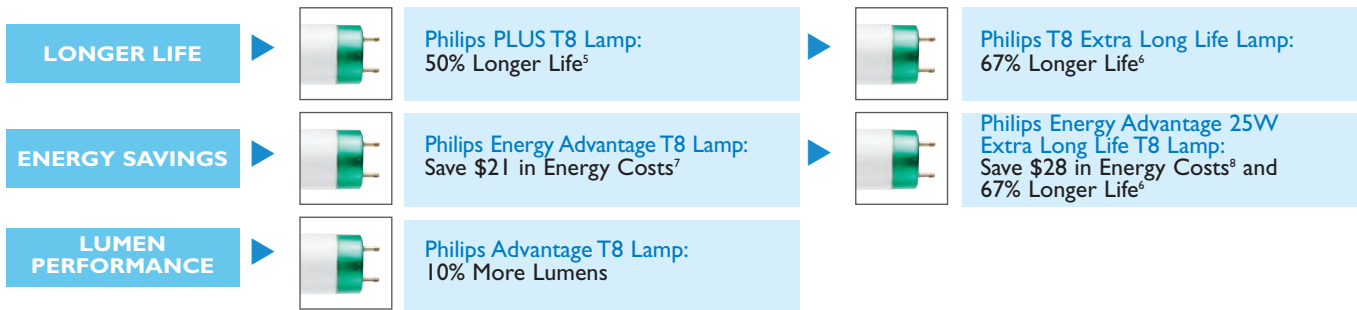


Product Number	Ordering Code	Watts	Pack. Qty.	Color Temp. (Kelvin)	Nom. Length (In.)	Rated Average Life (Hrs.) ¹		Approx. Initial Lumens ²	Design Lumens ³	CRI	Lumen Maint.
						12-hr on Ins. Start	12-hr on Prog. Start				
Philips Energy Advantage T8 Lamps featuring ALTO II™ Technology											
I3781-0	F32T8/ADV830/XEW/ALTO	25	25	3000	48	30,000	36,000	2500	2425	85	97%
I3782-8	F32T8/ADV835/XEW/ALTO	25	25	3500	48	30,000	36,000	2500	2425	85	97%
I3783-6	F32T8/ADV841/XEW/ALTO	25	25	4100	48	30,000	36,000	2500	2425	85	97%
I3784-4	F32T8/ADV850/XEW/ALTO	25	25	5000	48	30,000	36,000	2400	2330	85	97%
I4732-2	F32T8/ADV830/EW/ALTO	28	25	3000	48	30,000	36,000	2725	2645	85	97%
I4733-0	F32T8/ADV835/EW/ALTO	28	25	3500	48	30,000	36,000	2725	2645	85	97%
I4734-8	F32T8/ADV841/EW/ALTO	28	25	4100	48	30,000	36,000	2725	2645	85	97%
I4735-5	F32T8/ADV850/EW/ALTO	28	25	5000	48	30,000	36,000	2675	2595	85	97%
I4771-0	F32T8/ADV830/EW/ALTO	30	25	3000	48	30,000	36,000	2850	2765	85	97%
I4772-8	F32T8/ADV835/EW/ALTO	30	25	3500	48	30,000	36,000	2850	2765	85	97%
I4773-6	F32T8/ADV841/EW/ALTO	30	25	4100	48	30,000	36,000	2850	2765	85	97%
I4774-4	F32T8/ADV850/EW/ALTO	30	25	5000	48	30,000	36,000	2800	2715	85	97%
Philips T8 32W Extra Long Life Lamps featuring ALTO II™ Technology											
I5202-5	F32T8/TL830/XLL/ALTO	32	25	3000	48	40,000	46,000	2950	2800	85	95%
I5203-3	F32T8/TL835/XLL/ALTO	32	25	3500	48	40,000	46,000	2950	2800	85	95%
I5204-1	F32T8/TL841/XLL/ALTO	32	25	4100	48	40,000	46,000	2950	2800	85	95%
I5205-8	F32T8/TL850/XLL/ALTO	32	25	5000	48	40,000	46,000	2850	2700	85	95%
Philips Energy Advantage T8 25W Extra Long Life Lamps featuring ALTO II™ Technology											
I5206-6	F32T8/ADV830/XLL/ALTO	25	25	3000	48	40,000	46,000	2400	2330	85	97%
I5207-4	F32T8/ADV835/XLL/ALTO	25	25	3500	48	40,000	46,000	2400	2330	85	97%
I5208-2	F32T8/ADV841/XLL/ALTO	25	25	4100	48	40,000	46,000	2400	2330	85	97%
I5209-0	F32T8/ADV850/XLL/ALTO	25	25	5000	48	40,000	46,000	2350	2280	85	97%

Upgrade from a Standard 4' 32WT8⁴ for:



- 1) Average life under engineering data on programmed start ballast 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. Design lumens rated at 3 hours per start on Instant Start ballast.
- 4) Industry standard 4' T8 32W lamp with 24,000 hour rated average life (12 hours per start on instant start ballast), with 2800 lumens and 75 CRI.
- 5) 36,000 rated average life compared to industry standard 24,000 rated average life.
- 6) 40,000 rated average life compared to industry standard 24,000 rated average life.
- 7) Based on wattage savings (7w) x rated average life (30,000 hours) x kWh rate (.10).
- 8) Based on wattage savings (7w) x rated average life (40,000 hours) x kWh rate (.10).



Energy savings, extra long life, extra low mercury

Philips Energy Advantage T8 25W Extra Long Life lamps are an industry first. These lamps offer high energy savings, are environmentally responsible and have extra long life.

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

Outstanding energy savings

- Save 7 watts per lamp instantly when compared to a 32W T8 lamp
- Save \$28 in energy costs over the rated average life of the lamp¹
- Operates on any Instant Start and Programmed Start Ballast²

Extra long life

- Significantly reduce maintenance and recycling costs by extending the relamping cycle
- Up to 67% longer life than an industry standard T8 lamp³
- Warranty period: 48 months

Better for the environment

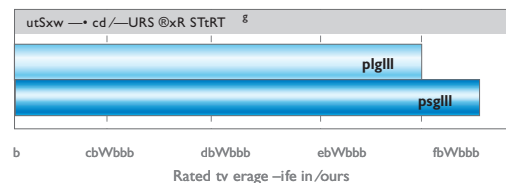
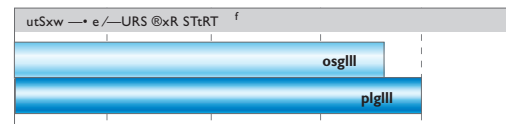
- Only 1.7mg of mercury with ALTO II™ Technology
- Reduced impact on the environment without sacrificing performance

1) Based on wattage savings (7w) x rated average life (40,000 hours) x kWh rate (.10).
 2) 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.
 3) When compared to an industry standard 4' T8 32W lamp with 24,000 hours rated average life (12 hours per start on an instant start ballast), with 2800 lumens and 75 CRI.
 4) 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.
 5) Average life under engineering data with lamps turned off and restarted once every 12 operating hours.

Rated Average Life

Philips Energy Advantage T8 25W XLL Lamps

Instant Start yallast Programmed Start yallast



See page 11 for ordering information.