

# Philips T12 Long Life 4' Lamps

featuring ALTO® Lamp Technology

Environmentally Responsible Lamps:  
Long Life and Low Mercury



*Ideal for applications where longer relamp cycles would be beneficial*



## ▶ Long Life

- 24,000 hours rated average life<sup>1</sup>
- 20% more life or one additional year of life compared to a standard F34T12 lamp<sup>2</sup>
- Long life extends the relamping cycle, thereby reducing maintenance and disposal costs

## ▶ Sustainable Lighting Solution

- Reduces the impact on the environment
- Low mercury
- Energy efficient
- Long life

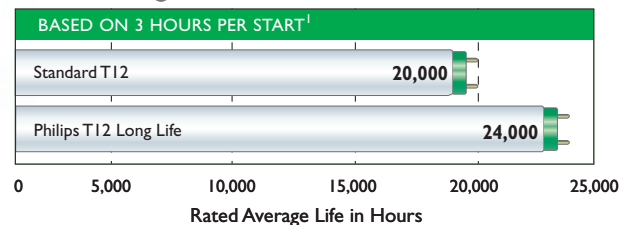
## ▶ Easily Replaces Any F34T12 Lamp

Operates on current magnetic or electronic ballasts

## ▶ Philips T8 Long Life Warranty Period: 24 Months

- 1) 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.
- 2) Based on 4000 additional hours rated average life @ 12 hours per day/7 days per week.

Philips T12 Long Life Lamps  
Rated Average Life



# PHILIPS

**Philips Lighting Company**  
**200 Franklin Square Drive**  
**P.O. Box 6800**  
**Somerset, NJ 08875-6800**  
**1-800-555-0050**

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[www.philips.com](http://www.philips.com)

**Philips Lighting**  
**281 Hillmount Road**  
**Markham, Ontario**  
**Canada L6C 2S3**  
**1-800-555-0050**

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## Philips T12 Long Life 4' Lamps featuring ALTO® Lamp Technology

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

Product Number	Ordering Code	Bulb	Length (In.)	Approx. Initial Lumens <sup>1</sup>	Design Lumens <sup>2</sup>	Nominal Watts	Rated Average Life (Hrs.) <sup>3</sup>	Color Temp. (Kelvin)	Color Rendering Index (CRI)
ⓔ I4251-3	F34/CW/RS/EW/LL/ALTO	T12	48	2650	2300	34	24,000	4100	62
ⓔ I4252-1	F34/WW/RS/EW/LL/ALTO	T12	48	2700	2350	34	24,000	3000	53

1) 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.

2) 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.

3) 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.

ⓔ Lamp meets US Federal Minimum Efficiency Standards.



† 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.

