



Philips T8 Lamps featuring  
ALTO II™ Technology

*Ideal for applications  
requiring maximum  
maintained light output*

T8 COLLECTION

**ALTO II™**



**ALTO II™ means 50%  
less mercury than the  
original ALTO T8 lamps†**

† Original 2', 3' and 4' T8 lamps featuring ALTO® Lamp Technology had 3.5mg of mercury; New 2', 3' and 4' T8 lamps featuring ALTO II™ Technology have 1.7mg of mercury.

## Extra low mercury

Philips T8 lamps are environmentally responsible.

### Extended life

- Reduce maintenance costs by extending the relamping cycle
- Warranty period: 30 months

### Outstanding lumen performance

- 95% lumen maintenance and reduced lamp-end blackening

### Better for the environment

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

**PHILIPS**

sense and simplicity

# Philips T8 Lamps featuring ALTO II™ Technology

## Ordering, Electrical and Technical Data

Product Number	Ordering Code	Watts	Pack. Qty.	Color Temp. (Kelvin)	Nom. Length (In.)	Rated Average Life (hrs) <sup>1</sup>		Approx. Initial Lumens <sup>2</sup>	Design Lumens <sup>3</sup>	CRI	Lumen Maint.
						12-hr on Ins. Start	12-hr on Prog. Start				
* ● 36787-0	F17T8/TL830/ALTO	17	25	3000	24	30,000	36,000	1400	1330	85	95%
* ● 36791-2	F17T8/TL835/ALTO	17	25	3500	24	30,000	36,000	1400	1330	85	95%
* ● 36793-8	F17T8/TL841/ALTO	17	25	4100	24	30,000	36,000	1400	1330	85	95%
* ● 14123-4	F17T8/TL850/ALTO	17	25	5000	24	30,000	36,000	1325	1260	82	95%
* ● 36807-6	F17T8/TL730/ALTO	17	25	3000	24	30,000	36,000	1325	1260	78	95%
* ● 36808-4	F17T8/TL735/ALTO	17	25	3500	24	30,000	36,000	1325	1260	78	95%
* ● 36812-6	F17T8/TL741/ALTO	17	25	4100	24	30,000	36,000	1325	1260	78	95%
* ● 36813-4	F25T8/TL830/ALTO	25	25	3000	36	30,000	36,000	2225	2115	85	95%
* ● 36814-2	F25T8/TL835/ALTO	25	25	3500	36	30,000	36,000	2225	2115	85	95%
* ● 36825-8	F25T8/TL841/ALTO	25	25	4100	36	30,000	36,000	2225	2115	85	95%
* ● 14124-2	F25T8/TL850/ALTO	25	25	5000	36	30,000	36,000	2150	2040	82	95%
* ● 36826-6	F25T8/TL730/ALTO	25	25	3000	36	30,000	36,000	2125	2020	78	95%
* ● 36828-2	F25T8/TL735/ALTO	25	25	3500	36	30,000	36,000	2125	2020	78	95%
* ● 36829-0	F25T8/TL741/ALTO	25	25	4100	36	30,000	36,000	2125	2020	78	95%
Ⓢ ● 24667-8	F32T8/TL830/ALTO	32	25	3000	48	30,000	36,000	2950	2800	85	95%
Ⓢ ● 24670-2	F32T8/TL835/ALTO	32	25	3500	48	30,000	36,000	2950	2800	85	95%
Ⓢ ● 24671-0	F32T8/TL841/ALTO	32	25	4100	48	30,000	36,000	2950	2800	85	95%
Ⓢ ● 27229-4	F32T8/TL850/ALTO	32	25	5000	48	30,000	36,000	2850	2700	82	95%
* Ⓢ ● 27252-6	F32T8/TL730/ALTO	32	25	3000	48	30,000	36,000	2800	2660	78	95%
* Ⓢ ● 27249-2	F32T8/TL735/ALTO	32	25	3500	48	30,000	36,000	2800	2660	78	95%
* Ⓢ ● 27248-4	F32T8/TL741/ALTO	32	25	4100	48	30,000	36,000	2800	2660	78	95%
* Ⓢ ● 38351-3	F32T8/TL741/ALTO	32	10	4100	48	30,000	36,000	2800	2660	78	95%
* Ⓢ ● 27268-2	F32T8/TL750/ALTO	32	25	5000	48	30,000	36,000	2700	2565	78	95%

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.

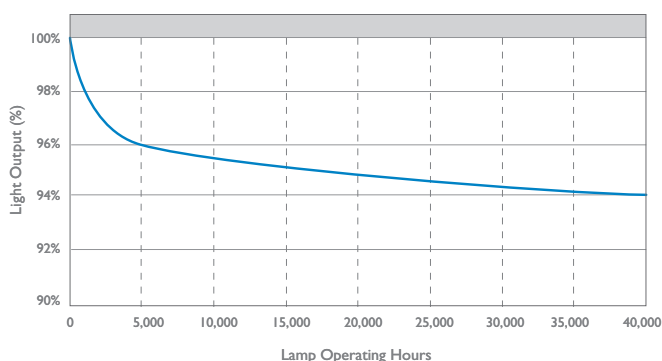
\* It's anticipated that lamp will be available Quarter 1, 2008.

Ⓢ Lamp meets US Federal Minimum Efficiency Standards.

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

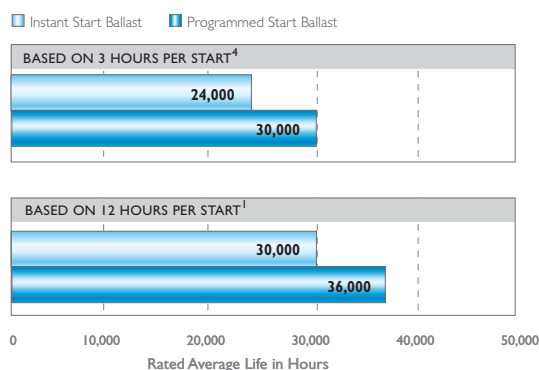
### 95% Lumen Maintenance

#### Philips T8 Lamps



### Rated Average Life

#### Philips T8 Lamps



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.



Specifications are subject to change without notice.  
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