Reduce your maintenance costs

Philips PLUS T8 High Output 8-foot fluorescent lamps reduce the impact on the environment by offering long life and low mercury

**Long life**

- Use on proper programmed start ballasts* to help extend the relamping cycle, which reduces maintenance and disposal costs.
- PLUS T8 HO 8-foot lamps have the longest rated average life in the industry
- 30,000 hours rated average life†

**Sustainable lighting solution**

- Low mercury: only 4.4mg of mercury per lamp
- More light over life with 95% lumen maintenance than a MH 400/U at 67% lumen maintenance

**Warranty Period:** 24 months

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*See footnotes on back
Philips PLUS T8 High Output 8-Foot Fluorescent Lamps featuring ALTO Lamp Technology

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

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1) Rated 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.
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 every 12 hours.
4) 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.
5) 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.

Footnotes from front:
* Per ANSI C78.81, this lamp is designed for programmed start operation with high-frequency operating currents of 400mA (nominal) to achieve the rated lumens and life