



Maximum protection of patients and staff

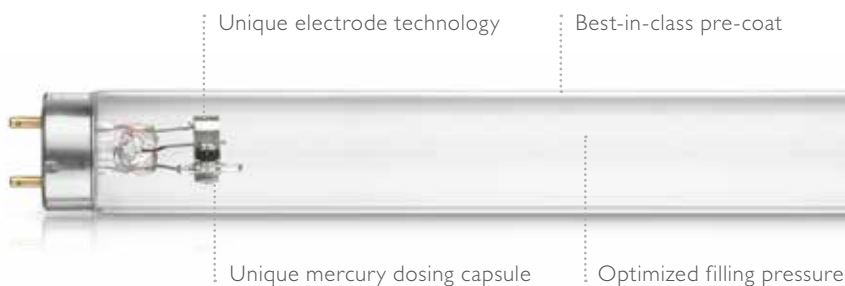
Philips TUV TL-D lamps for air disinfection offer best-in-class reliability

Reliable protection is paramount

Airborne viruses and bacteria contaminate the air trapped indoors and can pose a real health threat in hospitals, both to patients and staff. That is why maximum protection against airborne bacteria and viruses is paramount.

Philips TUV TL-D lamps offer the best reliability and lowest percentage of lamps that fail prematurely in the market. As a result you can be sure to comply with the health and safety regulations. So you can concentrate on what matters most – your patients.





	on EM driver	on HF driver
Lifetime (h)	9000	18000
UVC output (W)	12.0	13.1
Maintenance (%)	90	90

Unique electrode technology for best-in-class lifetime reliability

Philips TUV TL-D lamps are based on proven technology that has allowed a breakthrough in lamp life reliability. In contrast to other TUV lamps on the market, Philips TUV lamps contain two different electrodes. Because only one electrode determines the lifetime of the lamp, the causes for the spread in lifetime are effectively halved and an inherently better control of the lifetime spread is realized. As a result, the Philips TUV TL-D lamps outperform any other TUV lamp in their category on lifetime reliability.

Cutting-edge vision system to retain the high quality of our lamps

Philips has a unique fully automated manufacturing process in place for electrode processing and emitter dosing. This process matches exactly the patented electrode technology. The vision system performs an optical check on the positioning of the electrode. All lamps that do not fulfill the exact requirements are automatically rejected during the manufacturing process. As a result, we can guarantee the quality of our lamps.

Best-in-class pre-coat for reliable maintenance of UV output

Philips TUV TL-D lamps contain a best-in-class pre-coat that ensures that the UV output is constant over the complete lifetime of the lamp and never drops beneath 85% of its initial output.

Unique mercury dosing capsule for minimized environmental impact

Philips has always taken the lead in reducing the amount of mercury required to operate fluorescent lamps. In addition, we developed a unique mercury dosing capsule that allows for:

- Precise dosing of the smallest quantities and fully reliable stated content.
- No mercury emission during manufacture.
- Minimum mercury consumption during the lamp's life.
- Our unique dosing capsule allows for minimum mercury content while providing optimum product performance and contributing to a better environment for all.

Go to www.philips.com/uvpurification for more information.



©2013 Koninklijke Philips N.V. (Royal Philips)
All rights reserved.

Date of release: July 2013

Document order number: 3222 635 67567