



# TUV TL Mini - Small diameter lamps for residential applications

## TUV TL Mini

TUV TL Mini lamps are slim double-ended UVC (germicidal) lamps used in residential water and air disinfection units. The small 16 mm diameter of the lamp allows for a small system design and design flexibility. TUV TL Mini lamps offer almost constant UV output over their complete lifetime, for maximum security of disinfection and high system efficacy.

### Benefits

- Security of effective disinfection over the useful lifetime of the lamp
- High system efficacy because it is not required to over-design the purification system to maintain effectiveness of disinfection
- Good environmental choice because of lowest amount of mercury

### Features

- Short-wave UV radiation with a peak at 253.7 nm (UVC) for disinfection purposes
- Protective inside coating ensures almost constant UV output over the complete lifetime of the lamp
- Special lamp glass filters out the 185 nm ozone-forming radiation
- Warning sign on lamp indicates that the lamp radiates UVC

# TUV TL Mini

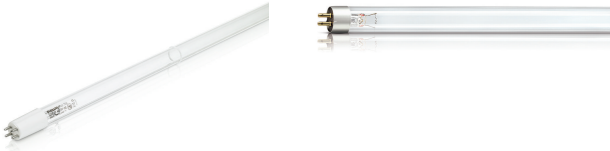
## Application

- Deactivation of bacteria, viruses and other micro-organisms
- Residential drinking water units
- Fish pond water units
- In-duct air treatment units
- Stand alone air purifiers

## Warnings and Safety

- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.
- DANGER: Risk Group 3 Ultra Violet product. These lamps emit high-power UV radiation that can cause severe injury to skin and eyes. Avoid eye and skin exposure to unshielded product. Use only in an enclosed environment which shields users from the radiation.

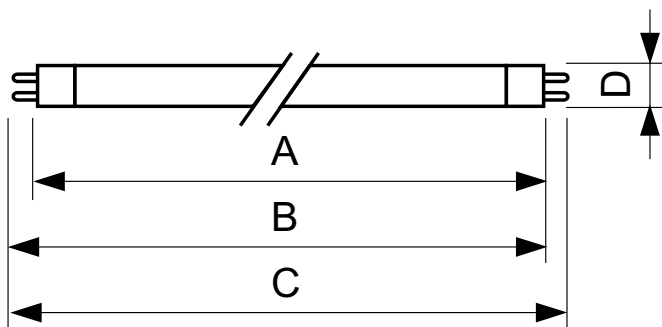
## Versions



4 pins single ended

TUV G5

## Dimensional drawing



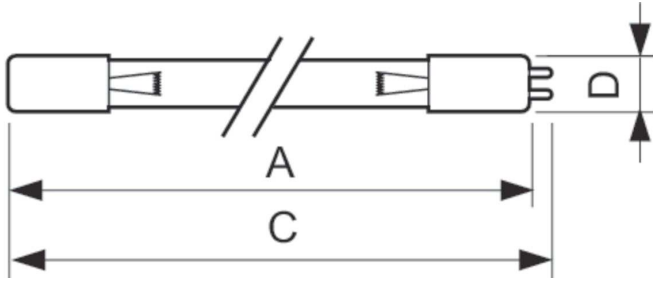
### Product

TUV 6W FAM/10X25BOX

TUV 20W FAM/10X25CC

# TUV TL Mini

## Dimensional drawing



### Product

TUV 25W - 4P SE UNP/32

### Approval and Application

Mercury (Hg) Content (Nom) 4.4 mg

### General Information

Main Application Disinfection

System Description na

### Light Technical

Color Code TUV

Color Designation -

### Mechanical and Housing

Bulb Shape T5

## Operating and Electrical

Order Code	Full Product Name	Lamp Current (Nom)	Voltage (Nom)	Power (Rated) (Nom)
927972204099	TUV 25W - 4P SE UNP/32	0.35 A	82 V	23 W
928000704013	TUV 6W FAM/10X25BOX	0.16 A	42 V	6 W

Order Code	Full Product Name	Lamp Current (Nom)	Voltage (Nom)	Power (Rated) (Nom)
928003404013	TUV 20W FAM/10X25CC	0.450 A	45 V	20 W

## General Information

Order Code	Full Product Name	Cap-Base	Useful Life (Nom)
927972204099	TUV 25W - 4P SE UNP/32	4PINSSINGLEENDED	9000 h
928000704013	TUV 6W FAM/10X25BOX	G5	9000 h

Order Code	Full Product Name	Cap-Base	Useful Life (Nom)
928003404013	TUV 20W FAM/10X25CC	G5	11000 h

## Light Technical

Order Code	Full Product Name	Lumen Depreciation At Useful Lifetime
927972204099	TUV 25W - 4P SE UNP/32	20 %
928000704013	TUV 6W FAM/10X25BOX	20 %

Order Code	Full Product Name	Lumen Depreciation At Useful Lifetime
928003404013	TUV 20W FAM/10X25CC	15 %

## UV

## TUV TL Mini

Order Code	Full Product Name	UV-C Radiation
927972204099	TUV 25W - 4P SE UNP/32	8.0 W
928000704013	TUV 6W FAM/10X25BOX	1.7 W

Order Code	Full Product Name	UV-C Radiation
928003404013	TUV 20W FAM/10X25CC	6.0 W

