



# TUV TL Mini – Small diameter lamps for residential applications

## TUV TL Mini

TUV TL Mini lamps are slim double-ended UV-C 253.7 nm emitting lamps. 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.

### Benefits

- Controlled UV-C output over lifetime of the lamp
- High system efficacy
- Good environmental choice because of lowest amount of mercury

### Features

- Short-wave UV radiation with a peak at 253.7 nm (UV-C)
- 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

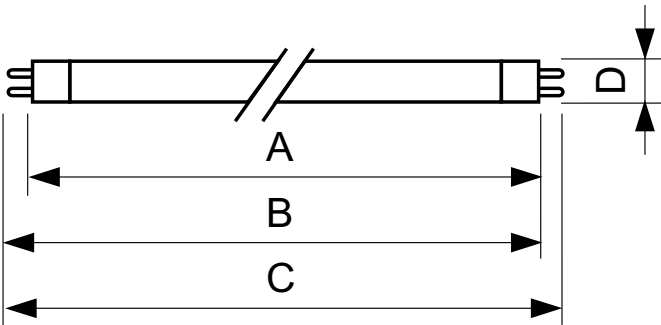
### Application

- Residential drinking water units
- Fish pond water units
- In-duct air treatment units
- Stand alone air handling units

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.
- Plants and/or materials that are exposed to UV-C and/or ozone for a long time may become damaged and/or discolored.

Dimensional drawing



Product	D	C			
TUV 11W FAM/10X25BOX	16 mm	226.3 mm			
TUV 16W FAM/10X25BOX	16 mm	302.5 mm			
TUV 20W FAM/10X25CC	16 mm	405.1 mm	402.7 mm	412.2 mm	398 mm
TUV 4W FAM/10X25BOX	16 mm	150.1 mm			
TUV 6W FAM/10X25BOX	16 mm	226.3 mm			
TUV 8W FAM/10X25BOX	16 mm	302.5 mm			

General Information	
Cap-Base	G5
Light Technical	
Color Designation	-
Color Code	TUV
Mechanical and Housing	
Bulb Shape	T16
Approval and Application	
Mercury (Hg) Content (Nom)	4.4 mg

Operating and Electrical

Order Code	Full Product Name	Lamp	Voltage (Nom)	Power Consumption
		Current (Nom)		
928000104013	TUV 4W FAM/ 10X25BOX	0.17 A	29 V	4.5 W
928000704013	TUV 6W FAM/ 10X25BOX	0.16 A	42 V	6 W
928001104013	TUV 8W FAM/ 10X25BOX	0.145 A	56 V	7.1 W

Order Code	Full Product Name	Lamp	Voltage (Nom)	Power Consumption
		Current (Nom)		
928002004013	TUV 16W FAM/ 10X25BOX	0.4 A	43 V	15 W
928002204013	TUV 11W FAM/ 10X25BOX	0.4 A	34 V	11.5 W
928003404013	TUV 20W FAM/ 10X25CC	0.450 A	45 V	20.25 W

