



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

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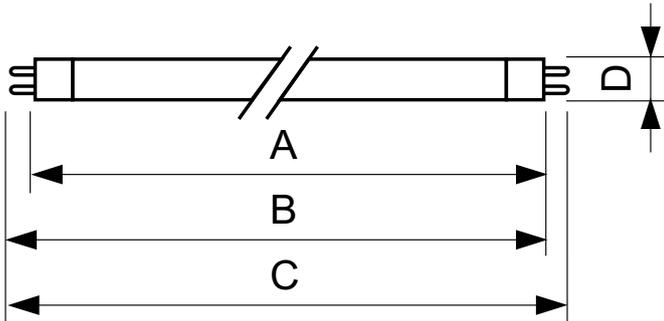
Application

- 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.

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 Current (Nom)	Voltage (Nom)	Power Consumption
63872427	TUV 4W FAM/10X25BOX	0.17 A	29 V	4.5 W
62364527	TUV 6W FAM/10X25BOX	0.16 A	42 V	6 W
62368327	TUV 8W FAM/10X25BOX	0.145 A	56 V	7.1 W

Order Code	Full Product Name	Lamp Current (Nom)	Voltage (Nom)	Power Consumption
63869427	TUV 16W FAM/10X25BOX	0.4 A	43 V	15 W
55965427	TUV 11W FAM/10X25BOX	0.4 A	34 V	11.5 W

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Order Code	Full Product Name	Lamp Current (Nom)	Voltage (Nom)	Power Consumption
81385200	TUV 20W FAM/ 10X25CC	0.450 A	45 V	20.25 W

