



# Product Description

## 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 constant UV output over their complete lifetime, for maximum security of disinfection and high system efficacy.

### Benefits

- Security of effective disinfection over the complete lifetime of the lamp
- High system efficacy because it is not required to over-design the purification system to maintain effectiveness of disinfection

### Features

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

### 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

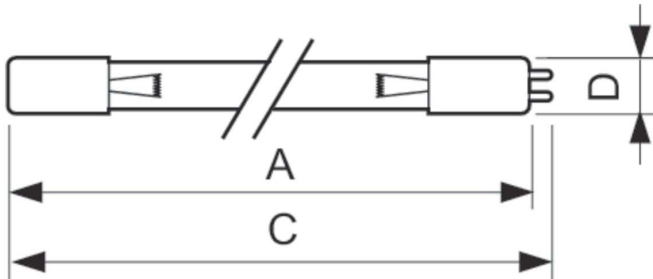
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.
- DANGER: 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.

# TUV TL Mini

## Versions



## Dimensional drawing



Product	D (max)	C (max)	A (max)
TUV 16W 4P SE UNP/32	19 mm	328 mm	320.3 mm
TUV 11W 4P SE UNP/32	19 mm	251.8 mm	244.1 mm

### Approval and Application

Mercury (Hg) Content (Nom)	4.4 mg
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### Operating and Electrical

Lamp Current (Nom)	0.4 A
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### General Information

Cap-Base	4PINSSINGLEEND ED
Useful Life (Nom)	9000 h
Main Application	Disinfection
System Description	na

### Light Technical

Colour Code	TUV
Colour Designation	-
Lumen Depreciation At Useful Lifetime	15 %

### Mechanical and Housing

Bulb Shape	T16
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### Operating and Electrical

Order Code	Full Product Name	Voltage (Nom)	Power (Rated) (Nom)
64382799	TUV 11W 4P SE UNP/32	34 V	11.5 W
64385899	TUV 16W 4P SE UNP/32	43 V	15 W

## UV

Order Code	Full Product Name	UV-C Radiation
64382799	TUV 11W 4P SE UNP/32	2.6 W

## TUV TL Mini

Order Code	Full Product Name	UV-C Radiation
64385899	TUV 16W 4P SE UNP/32	4.0 W

