



# TUV T5 - Small diameter lamps for professional applications

## TUV T5

TUV T5 lamps are single- or double-ended UVC (germicidal) lamps used in professional water and air disinfection units. The small 16 mm diameter of the lamp allows for a small system design and design flexibility. TUV T5 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 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
- Small diameter
- Protective inside coating ensures almost constant UV output over the complete lifetime of the lamp
- Lamp glass filters out the 185 nm ozone-forming radiation
- High temperature and UV-resistant lamp bases
- High Output versions available for optimum UVC output per lamp length, allowing for further reduction of system size
- Warning sign on lamp indicates that the lamp radiates UVC

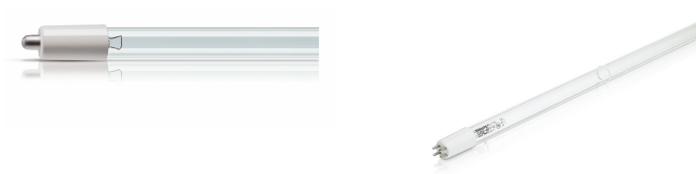
**Application**

- Deactivation of bacteria, viruses and other micro-organisms
- Air treatment systems
- Industrial water disinfection equipment, e.g. for food & beverage industry
- Small municipal water treatment systems
- Swimming pool units
- Residential drinking water units

**Warnings and Safety**

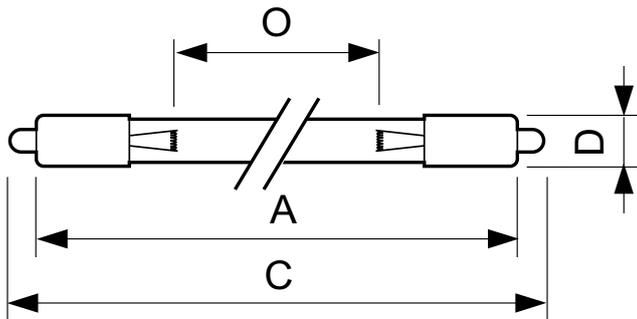
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.
- DANGER: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

**Versions**



single pin

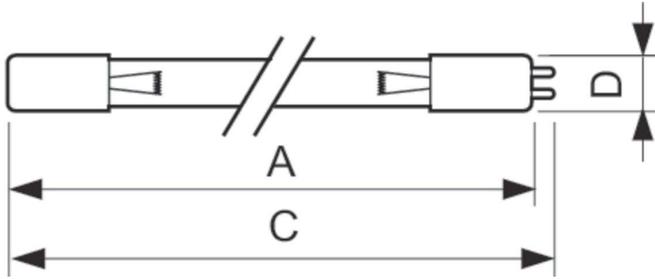
**Dimensional drawing**



Product	D (max)	O	C (max)	A (max)
TUV 64T5 HE SP UNP/32	18.6 mm	1473 mm	1575.1 mm	1556.6 mm
TUV 36T5 SP NO/32	18.6 mm	762 mm	863.9 mm	845.4 mm

# TUV T5

## Dimensional drawing



Product	D (max)	C (max)	A (max)
TUV 64T5 HO 4P SE UNP/32	19.3 mm	1564.5 mm	1555.2 mm
TUV 36T5 HO 4P SE UNP/32	19.3 mm	853 mm	845.4 mm

### General information

Useful Life (Nom)	9000 h
Main Application	Disinfection

### Light technical

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

### Mechanical and housing

Bulb Shape	T5
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## Approval and application

Order Code	Full Product Name	Mercury (Hg) Content (Nom)
292672	TUV 36T5/SP	3.0 mg
292698	TUV 64T5/SP	3.0 mg

Order Code	Full Product Name	Mercury (Hg) Content (Nom)
392001	TUV64T5/HO 4P	5.5 mg
133892	TUV 36T5 HO 4P SE 32PK	5.5 mg

## Operating and electrical

Order Code	Full Product Name	Lamp Current		
		(Nom)	Voltage (Nom)	Power (Nom)
292672	TUV 36T5/SP	0.425 A	97 V	40 W
292698	TUV 64T5/SP	0.425 A	178 V	75 W
392001	TUV64T5/HO 4P	0.8 A	175 V	140 W

Order Code	Full Product Name	Lamp Current		
		(Nom)	Voltage (Nom)	Power (Nom)
133892	TUV 36T5 HO 4P SE 32PK	0.8 A	97 V	75 W

## General information

Order Code	Full Product Name	Cap-Base	System Description
292672	TUV 36T5/SP	SINGLEPIN	HE
292698	TUV 64T5/SP	SINGLEPIN	HE

Order Code	Full Product Name	Cap-Base	System Description
392001	TUV64T5/HO 4P	4PINSSINGLEENDED	HO
133892	TUV 36T5 HO 4P SE 32PK	4PINSSINGLEENDED	HO

## UV

Order Code	Full Product Name	UV-C Radiation
292672	TUV 36T5/SP	14 W
292698	TUV 64T5/SP	29 W

Order Code	Full Product Name	UV-C Radiation
392001	TUV64T5/HO 4P	49 W
133892	TUV 36T5 HO 4P SE 32PK	25 W

