



# 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

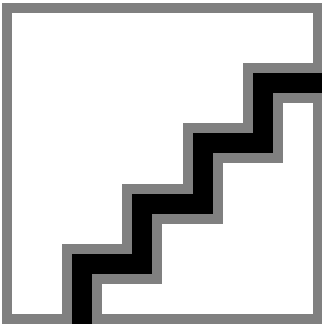
### Features

- 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

**Versions**

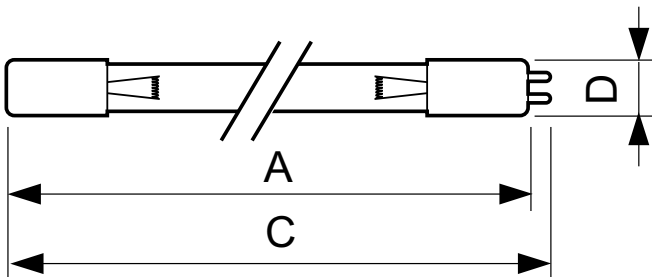
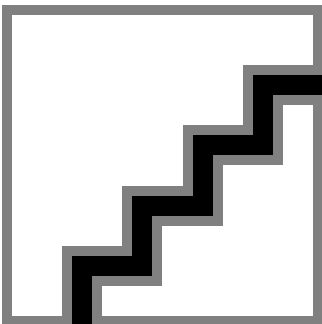


single pin



4 pins single ended

**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

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
------------	----

## 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)		Power (Rated)
		(A)	Voltage (Nom)	(W)
292672	TUV 36T5/SP	0.425 A	94 V	40 W
292698	TUV 64T5/SP	0.425 A	176 V	75 W
392001	TUV64T5/HO 4P	0.8 A	175 V	145 W

Order Code	Full Product Name	Lamp Current (Nom)		Power (Rated)
		(A)	Voltage (Nom)	(W)
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	15 W
292698	TUV 64T5/SP	31 W

Order Code	Full Product Name	UV-C Radiation
392001	TUV64T5/HO 4P	48 W
133892	TUV 36T5 HO 4P SE 32PK	25 W

