PHILIPS

Lighting

TUV T5 - Small diameter lamps for professional applications

TUV T5

TUV T5 lamps are single- or 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 T5 lamps offer 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)
- 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

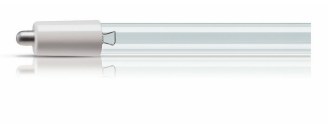
- Air treatment systems
- Industrial water treatment systems
- Small municipal water treatment systems
- Swimming pool units
- Residential drinking water units

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

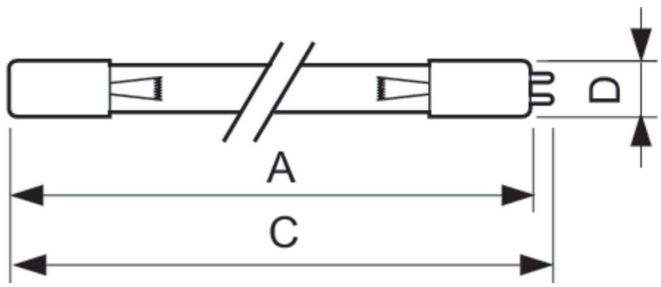
Versions

XPPR_XUTUV_0002-Product photo



XPPR XUTUV 0004

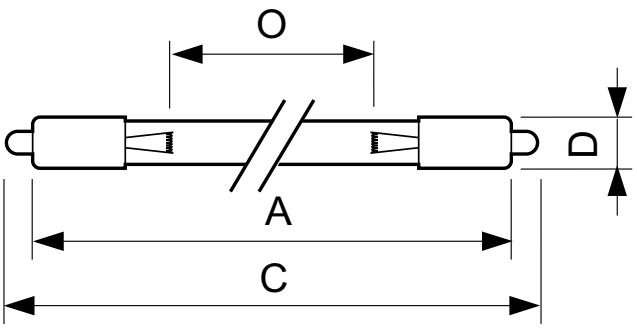
Dimensional drawing



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

TUV T5

Dimensional drawing



Product	D (max)	O	C (max)	A (max)
TUV 36T5 SP NO/32	18.6 mm	762 mm	863.9 mm	845.4 mm

General Information

Order Code	Full Product Name	Cap-Base
927972104099	TUV 36T5 HO 4P SE UNP/32	4PINSSINGLEENDED

Order Code	Full Product Name	Cap-Base
927970004099	TUV 36T5 SP NO/32	Single Pin

Operating and Electrical

Order Code	Full Product Name	Lamp Current (Nom)	Power Consumption
927972104099	TUV 36T5 HO 4P SE UNP/32	0.8 A	75 W

Order Code	Full Product Name	Lamp Current (Nom)	Power Consumption
927970004099	TUV 36T5 SP NO/32	0.425 A	40 W

Approval and Application

Order Code	Full Product Name	Mercury (Hg) Content (Nom)
927972104099	TUV 36T5 HO 4P SE UNP/32	5.5 mg

Order Code	Full Product Name	Mercury (Hg) Content (Nom)
927970004099	TUV 36T5 SP NO/32	3.0 mg

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