



# 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

### 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.

Related products

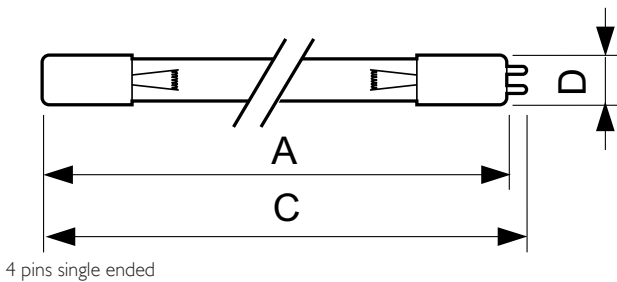


4 pins single ended



TUV G5

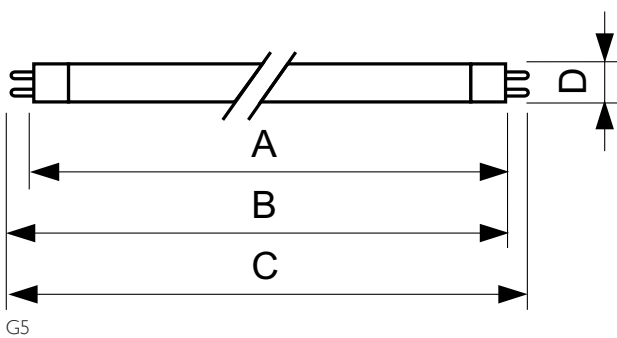
Dimensional drawing



4 pins single ended

**TUV 16W 4P SE**

Product	D	C	A
TUV 16W 4P SE UNP/32	19 mm	328 mm	320.3 mm



G5

**TUV 11W**

Product	D	B	B	C	A
TUV 11W FAM/10X25BOX	16 mm	219.2 mm	216.8 mm	226.3 mm	212.1 mm

**General Information**

order code	Cap-Base	Useful Life (Nom)	Main Application	System Description
927971204099	4PINSSINGLEENDED	9000	Disinfection	-
927971404099	4PINSSINGLEENDED	9000	Disinfection	-
927972204099	4PINSSINGLEENDED	9000	Disinfection	-

order code	Cap-Base	Useful Life (Nom)	Main Application	System Description
928000104013	G5	6000	Disinfection	-
928000704013	G5	9000	Disinfection	-
928001104013	G5	11000	Disinfection	-

## Approval and Application

order code	Cap-Base	Useful Life (Nom)	Main Application	System Description
928002004013	G5	11000	Disinfection	-
928002204013	G5	11000	Disinfection	-
928003404013	G5	11000	Disinfection	-

order code	Mercury (Hg) Content (Nom)
928000104013	4.4
928000704013	4.4
928001104013	4.4
928002004013	4.4
928002204013	4.4
928003404013	4.4

## Light Technical

order code	Color Code	Color Designation	Lumen Depreciation At Useful Lifetime
927971204099	-	-	15
927971404099	-	-	15
927972204099	-	-	20
928000104013	-	-	20
928000704013	-	-	20
928001104013	-	-	15
928002004013	-	-	15
928002204013	-	-	15
928003404013	-	-	15

## UV

order code	UV-C Radiation
927971204099	2.6
927971404099	4.0
927972204099	8.0
928000104013	0.9
928000704013	1.7
928001104013	2.4
928002004013	4.0
928002204013	2.6
928003404013	6.0

## Operating and Electrical

order code	Lamp Current (Nom)	Voltage (Nom)	Power (Rated) (Nom)
927971204099	0.330	34	11
927971404099	0.4	43	15
927972204099	0.35	82	23
928000104013	0.17	29	4
928000704013	0.16	42	6
928001104013	0.15	56	8
928002004013	0.4	43	15
928002204013	0.33	26	11
928003404013	0.450	45	20

## Mechanical and Housing

order code	Bulb Shape
927971204099	T16
927971404099	T16
927972204099	T16
928000104013	T16
928000704013	T16
928001104013	T16
928002004013	T16
928002204013	T16
928003404013	T16



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data subject to change