



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.

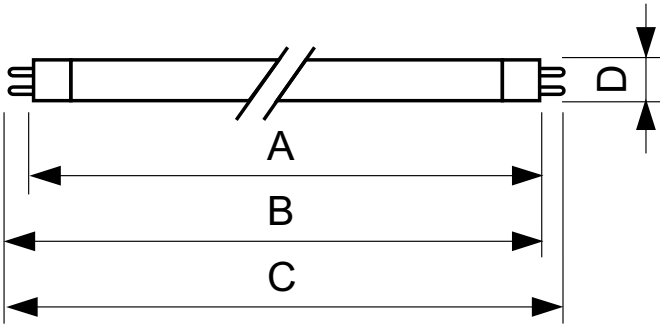
TUV TL Mini

Versions



TUV G5

Dimensional drawing



Product	D	C
TUV 4W FAM/10X25BOX	16 mm	150.1 mm
TUV 8W FAM/10X25BOX	16 mm	302.5 mm
TUV 16W FAM/10X25BOX	16 mm	302.5 mm
TUV 20W FAM/10X25CC	16 mm	405.1 mm 402.7 mm 412.2 mm 398 mm

Approval and Application

Mercury (Hg) Content (Nom) 4.4 mg

General Information

Cap-Base G5
 Main Application Disinfection
 System Description na

Light Technical

Colour Code TUV
 Colour Designation -

Mechanical and Housing

Bulb Shape T16

Operating and Electrical

Order Code	Full Product Name	Lamp Current (Nom)	Voltage (Nom)	Power (Rated) (Nom)
928000104013	TUV 4W FAM/10X25BOX	0.17 A	29 V	4.5 W
928001104013	TUV 8W FAM/10X25BOX	0.145 A	56 V	7.1 W

Order Code	Full Product Name	Lamp Current (Nom)	Voltage (Nom)	Power (Rated) (Nom)
928002004013	TUV 16W FAM/10X25BOX	0.4 A	43 V	15 W
928003404013	TUV 20W FAM/10X25CC	0.450 A	45 V	20.25 W

TUV TL Mini

General Information

Order Code	Full Product Name	Useful Life (Nom)
928000104013	TUV 4W FAM/10X25BOX	6000 h
928001104013	TUV 8W FAM/10X25BOX	11000 h

Order Code	Full Product Name	Useful Life (Nom)
928002004013	TUV 16W FAM/10X25BOX	11000 h
928003404013	TUV 20W FAM/10X25CC	11000 h

Light Technical

Order Code	Full Product Name	Lumen Depreciation At Useful Lifetime
928000104013	TUV 4W FAM/10X25BOX	0.25 %
928001104013	TUV 8W FAM/10X25BOX	15 %

Order Code	Full Product Name	Lumen Depreciation At Useful Lifetime
928002004013	TUV 16W FAM/10X25BOX	15 %
928003404013	TUV 20W FAM/10X25CC	0.2 %

UV

Order Code	Full Product Name	UV-C Radiation
928000104013	TUV 4W FAM/10X25BOX	0.9 W
928001104013	TUV 8W FAM/10X25BOX	2.4 W

Order Code	Full Product Name	UV-C Radiation
928002004013	TUV 16W FAM/10X25BOX	4.2 W
928003404013	TUV 20W FAM/10X25CC	6.0 W

