

PHILIPS

Lighting



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

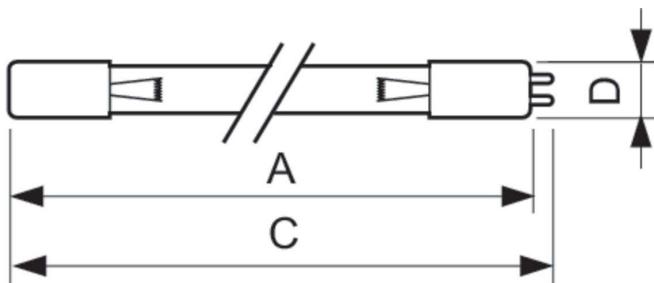
Application

- 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

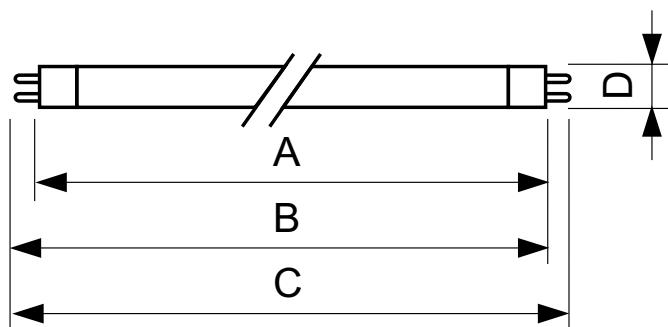
Warnings and Safety

- 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.

Dimensional drawing



| Product | D (max) | C (max) | A (max) |
|------------------------|---------|----------|----------|
| TUV 16W 4P SE UNP/32 | 19 mm | 328 mm | 320.3 mm |
| TUV 20W 4P SE UNP/32 | 19.3 mm | 437.7 mm | 430 mm |
| TUV 25W - 4P SE UNP/32 | 19.3 mm | 556.6 mm | 548.9 mm |



| Product | D (max) | C (max) | A (max) |
|----------------------|---------|----------|---------|
| TUV 16W FAM/10X25BOX | 16 mm | 302.5 mm | |
| TUV 25W FAM/10X25BOX | 16 mm | 531.1 mm | |
| TUV 4W FAM/10X25BOX | 16 mm | 150.1 mm | |
| TUV 8W FAM/10X25BOX | 16 mm | 302.5 mm | |

Approval and Application

| | |
|----------------------------|--------|
| Mercury (Hg) Content (Nom) | 4.4 mg |
|----------------------------|--------|

General Information

| Order Code | Full Product Name | Cap-Base |
|--------------|------------------------|------------------|
| 927971404099 | TUV 16W 4P SE UNP/32 | 4PINSSINGLEENDED |
| 927972204099 | TUV 25W - 4P SE UNP/32 | 4PINSSINGLEENDED |
| 927973404099 | TUV 20W 4P SE UNP/32 | 4PINSSINGLEENDED |
| 928000104013 | TUV 4W FAM/10X25BOX | G5 |

| Order Code | Full Product Name | Cap-Base |
|--------------|----------------------|----------|
| 928001104013 | TUV 8W FAM/10X25BOX | G5 |
| 928002004013 | TUV 16W FAM/10X25BOX | G5 |
| 928002604013 | TUV 25W FAM/10X25BOX | G5 |

Operating and Electrical

| Order Code | Full Product Name | Lamp Current (Nom) | Power Consumption |
|--------------|------------------------|--------------------|-------------------|
| 927971404099 | TUV 16W 4P SE UNP/32 | 0.4 A | 15 W |
| 927972204099 | TUV 25W - 4P SE UNP/32 | 0.35 A | 23 W |
| 927973404099 | TUV 20W 4P SE UNP/32 | 0.45 A | 20.24 W |
| 928000104013 | TUV 4W FAM/10X25BOX | 0.17 A | 4.5 W |

| Order Code | Full Product Name | Lamp Current (Nom) | Power Consumption |
|--------------|----------------------|--------------------|-------------------|
| 928001104013 | TUV 8W FAM/10X25BOX | 0.145 A | 7.1 W |
| 928002004013 | TUV 16W FAM/10X25BOX | 0.4 A | 15 W |
| 928002604013 | TUV 25W FAM/10X25BOX | 0.350 A | 23 W |

