



# Product Description

## TUV T8

TUV T8 lamps are double-ended UVC (germicidal) lamps used in professional water and air disinfection units. TUV T8 lamps offer constant UV output over their complete lifetime, for maximum security of disinfection and high system efficacy. Moreover, they have a long and reliable lifetime, which allows maintenance to be planned for in advance.

### 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
- Maintenance can be planned in advance, virtually eliminating the need for expensive spot replacement of prematurely failed lamps

### 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
- Long and reliable lifetime with the lowest percentage of lamps that fail prematurely in the market
- Lamp glass filters out the 185 nm ozone-forming line
- High Output versions available for optimum UVC output per lamp length, allowing for reduction of system size
- Warning sign on lamp indicates that the lamp radiates UVC

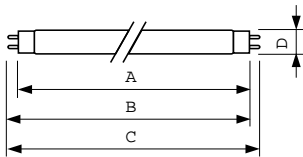
## Application

- Deactivation of bacteria, viruses and other micro-organisms
- Stand alone and wall-mounted, upper air and whole room air disinfection equipment in for example hospitals, schools and offices
- Residential drinking water units
- Industrial water treatment equipment in food & beverage industry, clean rooms, etc.
- Water recycling equipment in greenhouses and horticultural applications
- Fish pond 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.

## Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
TUV 55W HO 1SL/6	28 mm	894.6 mm	901.7 mm	899.3 mm	908.8 mm
TUV TL-D 95W HO SLV/25	28 mm	1500 mm	1507.1 mm	1504.7 mm	1514.2 mm
TUV 36W SLV/6	28 mm	1199.4 mm	1206.5 mm	1204.1 mm	1213.6 mm
TUV 75W HO 1SL/6	28 mm	1199.4 mm	1206.5 mm	1204.1 mm	1213.6 mm
TUV 15W SLV/25	28 mm	437.4 mm	444.5 mm	442.1 mm	451.6 mm
TUV 30W 1SL/25	28 mm	894.6 mm	901.7 mm	899.3 mm	908.8 mm
TUV T8 F17 1SL/25	28 mm	589.8 mm	596.9 mm	594.5 mm	604.0 mm

### General Information

Cap-Base	G13
Main Application	Disinfection

### Light Technical

Colour Code	TUV
Colour Designation	-

## Approval and Application

Order Code	Full Product Name	Mercury (Hg) Content (Nom)
927941904020	TUV T8 F17 1SL/25	5.0 mg
928039004005	TUV 15W SLV/25	2.0 mg
928039504005	TUV 30W 1SL/25	2.0 mg
928048604003	TUV 36W SLV/6	2.0 mg

Order Code	Full Product Name	Mercury (Hg) Content (Nom)
928049404003	TUV 75W HO 1SL/6	2.0 mg
928049504003	TUV 55W HO 1SL/6	2.0 mg
928049804006	TUV TL-D 95W HO SLV/25	8.0 mg

## Operating and Electrical

## TUV T8

Order Code	Full Product Name	Lamp Current (Nom)	Voltage (Nom)	Power (Rated) (Nom)
927941904020	TUV T8 F17 1SL/25	0.236 A	72 V	16.7 W
928039004005	TUV 15W SLV/25	0.335 A	55 V	15.5 W
928039504005	TUV 30W 1SL/25	0.365 A	102 V	30 W
928048604003	TUV 36W SLV/6	0.44 A	103 V	36 W

Order Code	Full Product Name	Lamp Current (Nom)	Voltage (Nom)	Power (Rated) (Nom)
928049404003	TUV 75W HO 1SL/6	0.835 A	110 V	75 W
928049504003	TUV 55W HO 1SL/6	0.765 A	86 V	54 W
928049804006	TUV TL-D 95W HO SLV/25	0.620 A	124 V	60 W

### General Information

Order Code	Full Product Name	Useful Life (Nom)	System Description
927941904020	TUV T8 F17 1SL/25	9000 h	na
928039004005	TUV 15W SLV/25	9000 h	na
928039504005	TUV 30W 1SL/25	9000 h	na
928048604003	TUV 36W SLV/6	9000 h	na

Order Code	Full Product Name	Useful Life (Nom)	System Description
928049404003	TUV 75W HO 1SL/6	9000 h	High Output (HO)
928049504003	TUV 55W HO 1SL/6	9000 h	High Output (HO)
928049804006	TUV TL-D 95W HO SLV/25	8000 h	High Output (HO)

### Light Technical

Order Code	Full Product Name	Lumen Depreciation At Useful Lifetime
927941904020	TUV T8 F17 1SL/25	15 %
928039004005	TUV 15W SLV/25	12 %
928039504005	TUV 30W 1SL/25	12 %
928048604003	TUV 36W SLV/6	10 %

Order Code	Full Product Name	Lumen Depreciation At Useful Lifetime
928049404003	TUV 75W HO 1SL/6	12 %
928049504003	TUV 55W HO 1SL/6	12 %
928049804006	TUV TL-D 95W HO SLV/25	15 %

### Mechanical and Housing

Order Code	Full Product Name	Bulb Shape
927941904020	TUV T8 F17 1SL/25	T8
928039004005	TUV 15W SLV/25	T26
928039504005	TUV 30W 1SL/25	T26
928048604003	TUV 36W SLV/6	T26

Order Code	Full Product Name	Bulb Shape
928049404003	TUV 75W HO 1SL/6	T26
928049504003	TUV 55W HO 1SL/6	T26
928049804006	TUV TL-D 95W HO SLV/25	T26

### UV

Order Code	Full Product Name	UV-C Radiation
927941904020	TUV T8 F17 1SL/25	4.5 W
928039004005	TUV 15W SLV/25	4.9 W
928039504005	TUV 30W 1SL/25	11.5 W
928048604003	TUV 36W SLV/6	15.0 W

Order Code	Full Product Name	UV-C Radiation
928049404003	TUV 75W HO 1SL/6	25.5 W
928049504003	TUV 55W HO 1SL/6	18.5 W
928049804006	TUV TL-D 95W HO SLV/25	22.5 W

