



# TUV T8 - Guaranteed lifetime simplifying planned maintenance in professional applications

## TUV T8

TUV T8 lamps are double-ended UVC (germicidal) lamps used in professional water and air disinfection units. TUV T8 lamps offer almost 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 useful lifetime of the lamp
- Maintenance can be planned in advance, virtually eliminating the need for expensive spot replacement of prematurely failed lamps
- 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

# TUV T8

## 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 lifetime of 18.000 hours (based on operation on a Philips electronic driver)
- High reliability with the lowest percentage of lamps that fail prematurely in the market (90% of all lamps still operate on full output and quality after 15,000 hrs if operated on a Philips electronic driver)
- Special lamp glass filters out the 185 nm ozone-forming radiation
- 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

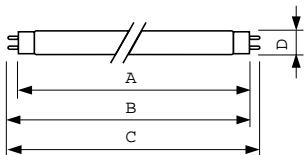
- Air disinfection systems in professional applications such as universities, hospitals, jails and laboratories
- Upper air and whole room disinfection equipment in hospitals, intensive care units and surgery rooms
- Areas with low maintenance and/or disruptive costs
- Fish ponds and process water units

## Versions



TUV T8

## Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
TUV TL-D 95W HO SLV/25	28 mm	1500 mm	1507.1 mm	1504.7 mm	1514.2 mm
TUV 55W HO 1SL/6	28 mm	894.6 mm	901.7 mm	899.3 mm	908.8 mm
TUV 75W HO 1SL/6	28 mm	1199.4 mm	1206.5 mm	1204.1 mm	1213.6 mm
TUV 36W SLV/6	28 mm	1199.4 mm	1206.5 mm	1204.1 mm	1213.6 mm
TUV 30W 1SL/25	28 mm	894.6 mm	901.7 mm	899.3 mm	908.8 mm
TUV 25W 1SL/25	28 mm	437.4 mm	444.5 mm	442.1 mm	451.6 mm
TUV 15W SLV/25	28 mm	437.4 mm	444.5 mm	442.1 mm	451.6 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	
Color Code	TUV
Color Designation	-
Mechanical and Housing	
Bulb Shape	T8

## Approval and Application

Order Code	Full Product Name	Mercury (Hg) Content (Nom)
133405	TUV F17T8 25PK	2.0 mg
308643	TUV15W G15T8 25PK	2.0 mg
292680	TUV 25W T8 25PK	2.0 mg
360164	TUV30W G30T8 25PK	2.0 mg

Order Code	Full Product Name	Mercury (Hg) Content (Nom)
262691	TUV 36W	2.0 mg
290908	TUV 75W HO	2.0 mg
376343	TUV 55W HO 6PK	2.0 mg
203117	TUV 60-95W HO SLV/25	8.0 mg

## Operating and Electrical

Order Code	Full Product Name	Lamp Current		Power (Rated)
		(Nom)	Voltage (Nom)	(Nom)
133405	TUV F17T8 25PK	0.265 A	72 V	16.7 W
308643	TUV15W G15T8 25PK	0.34 A	54 V	15.9 W
292680	TUV 25W T8 25PK	0.6 A	48 V	25.5 W
360164	TUV30W G30T8 25PK	0.37 A	102 V	30 W
262691	TUV 36W	0.44 A	103 V	36 W

Order Code	Full Product Name	Lamp Current		Power (Rated)
		(Nom)	Voltage (Nom)	(Nom)
290908	TUV 75W HO	0.84 A	110 V	75 W
376343	TUV 55W HO 6PK	0.77 A	86 V	54 W
203117	TUV 60-95W HO SLV/25	0.620 A	124 V	95 W

## General Information

Order Code	Full Product Name	Useful Life (Nom)	System Description
133405	TUV F17T8 25PK	9000 h	na
308643	TUV15W G15T8 25PK	9000 h	na
292680	TUV 25W T8 25PK	9000 h	na
360164	TUV30W G30T8 25PK	9000 h	na

Order Code	Full Product Name	Useful Life (Nom)	System Description
262691	TUV 36W	9000 h	na
290908	TUV 75W HO	9000 h	High Output (HO)
376343	TUV 55W HO 6PK	9000 h	High Output (HO)
203117	TUV 60-95W HO SLV/25	8000 h	High Output (HO)

## Light Technical

Order Code	Full Product Name	Lumen Depreciation At Useful Lifetime
133405	TUV F17T8 25PK	15 %
308643	TUV15W G15T8 25PK	10 %
292680	TUV 25W T8 25PK	15 %
360164	TUV30W G30T8 25PK	10 %

Order Code	Full Product Name	Lumen Depreciation At Useful Lifetime
262691	TUV 36W	10 %
290908	TUV 75W HO	10 %
376343	TUV 55W HO 6PK	10 %
203117	TUV 60-95W HO SLV/25	10 %

## UV

Order Code	Full Product Name	UV-C Radiation
133405	TUV F17T8 25PK	4.5 W
308643	TUV15W G15T8 25PK	4.9 W
292680	TUV 25W T8 25PK	7 W
360164	TUV30W G30T8 25PK	12.0 W

Order Code	Full Product Name	UV-C Radiation
262691	TUV 36W	15.0 W
290908	TUV 75W HO	25.5 W
376343	TUV 55W HO 6PK	17.5 W

## TUV T8

Order Code	Full Product Name	UV-C Radiation
203117	TUV 60-95W HO SLV/25	22.5 W

