



Product Description

TUV T5

TUV T5 lamps are single- or double-ended UVC (germicidal) lamps used in professional water and air disinfection units. The small 16 mm diameter of the lamp allows for a small system design and design flexibility. TUV T5 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
- Small diameter
- Protective inside coating ensures constant UV output over the complete lifetime of the lamp
- Lamp glass filters out the 185 nm ozone-forming line
- High temperature and UV-resistant lamp bases
- High Output versions available for optimum UVC output per lamp length, allowing for further reduction of system size
- Warning sign on lamp indicates that the lamp radiates UVC

Application

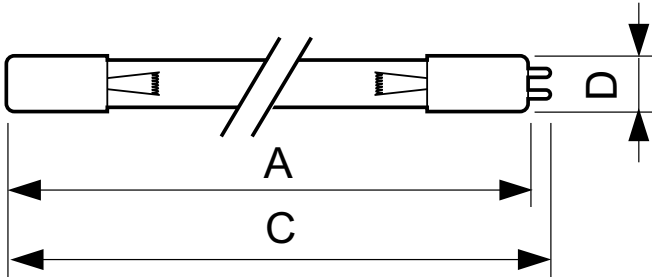
- Deactivation of bacteria, viruses and other micro-organisms
- Air treatment systems
- Industrial water disinfection equipment, e.g. for food & beverage industry
- Small municipal water treatment systems
- Swimming pool units
- Residential drinking water units

TUV T5

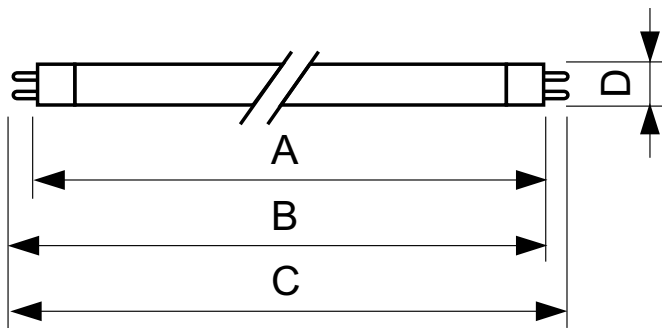
Versions



Dimensional drawing



Product	D (max)	C (max)	A (max)
TUV 64T5 HO 4P SE UNP/32	19.3 mm	1564.5 mm	1555.2 mm
TUV 36T5 HO 4P SE UNP/32	19.3 mm	853 mm	845.4 mm
TUV 36T5 HE 4P SE UNP/32	19.3 mm	853 mm	845.4 mm



Product	D (max)	B (max)	B (min)	C (max)	A (max)
TUV 16W FAM/10X25BOX	16 mm	295.4 mm	293 mm	302.5 mm	288.3 mm

General Information

Main Application Disinfection

Light Technical

Colour Code TUV

Colour Designation -

Lumen Depreciation At Useful Lifetime 15 %

Mechanical and Housing

Bulb Shape T16

Approval and Application

TUV T5

Order Code	Full Product Name	Mercury (Hg) Content (Nom)
927970204099	TUV 36T5 HE 4P SE UNP/32	3.0 mg
927971104099	TUV 64T5 HO 4P SE UNP/32	5.5 mg

Order Code	Full Product Name	Mercury (Hg) Content (Nom)
927972104099	TUV 36T5 HO 4P SE UNP/32	5.5 mg
928002004013	TUV 16W FAM/10X25BOX	4.4 mg

Operating and Electrical

Order Code	Full Product Name	Lamp		Power
		Current (Nom)	Voltage (Nom)	(Rated) (Nom)
927970204099	TUV 36T5 HE 4P SE UNP/32	0.425 A	94 V	40 W
927971104099	TUV 64T5 HO 4P SE UNP/32	0.8 A	175 V	145 W

Order Code	Full Product Name	Lamp		Power
		Current (Nom)	Voltage (Nom)	(Rated) (Nom)
927972104099	TUV 36T5 HO 4P SE UNP/32	0.8 A	97 V	75 W
928002004013	TUV 16W FAM/10X25BOX	0.4 A	43 V	15 W

General Information

Order Code	Full Product Name	Cap-Base	Useful	
			Life (Nom)	System Description
927970204099	TUV 36T5 HE 4P SE UNP/32	4PINSSINGLEENDED	9000 h	High Efficiency
927971104099	TUV 64T5 HO 4P SE UNP/32	4PINSSINGLEENDED	9000 h	High Output (HO)

Order Code	Full Product Name	Cap-Base	Useful	
			Life (Nom)	System Description
927972104099	TUV 36T5 HO 4P SE UNP/32	4PINSSINGLEENDED	9000 h	High Output (HO)
928002004013	TUV 16W FAM/10X25BOX	G5	11000 h	na

UV

Order Code	Full Product Name	UV-C Radiation
927970204099	TUV 36T5 HE 4P SE UNP/32	15 W
927971104099	TUV 64T5 HO 4P SE UNP/32	48 W

Order Code	Full Product Name	UV-C Radiation
927972104099	TUV 36T5 HO 4P SE UNP/32	25 W
928002004013	TUV 16W FAM/10X25BOX	4.0 W

