



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

Related products

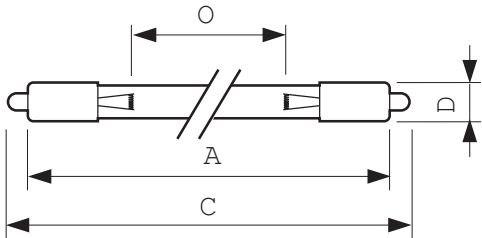


4 pins single ended



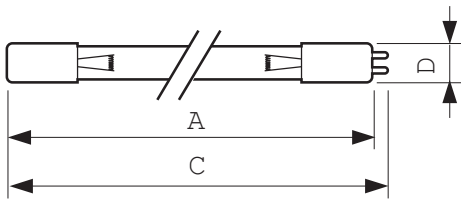
single pin

Dimensional drawing



Single pin

Product	A (Min)	A (Norm)	A (Max)	B (Min)	B (Norm)	B (Max)	C (Min)	C (Norm)	C (Max)	D (Max)	O (Norm)
TUV 36T5 HE SP	-	-	845.4	-	-	-	-	-	863.9	18.6	762
TUV 64T5 HE SP	-	-	1556.6	-	-	-	-	-	1575.1	18.6	1473



Dimensional drawing

4 pins single ended

Product	A (Min)	A (Norm)	A (Max)	B (Min)	B (Norm)	B (Max)	C (Min)	C (Norm)	C (Max)	D (Max)	O (Norm)
TUV 36T5 HE 4P SE	-	-	845.4	-	-	-	-	-	853	19.3	-
TUV 64T5 HE 4P SE	-	-	1556.6	-	-	-	-	-	1564.5	19.3	-
TUV 64T5 HO 4P SE	-	-	1555.2	-	-	-	-	-	1564.5	19.3	-
TUV 36T5 HO 4P SE	-	-	845.4	-	-	-	-	-	853	19.3	-

General Characteristics

Order code	Full product name	Bulb	Cap-Base	Main Application	System Description	Useful Life
642318 99	TUV 36T5 HE 4P SE UNP	T16	4 Pins Single Ended	Disinfection	High Efficiency	9000
642325 99	TUV 64T5 HE 4P SE UNP	T16	4 Pins Single Ended	Disinfection	High Efficiency	9000
261311 99	TUV 64T5 HO 4P SE UNP	T16	4 Pins Single Ended	Disinfection	High Output	9000
869708 99	TUV 36T5 HO 4P SE UNP	T16	4 Pins Single Ended	Disinfection	High Output	9000

Order code	Full product name	Bulb	Cap-Base	Main Application	System Description	Useful Life
640369 99	TUV 36T5 SP NO	T16	Single Pin	Disinfection	High Efficiency	9000
640796 99	TUV 64T5 HE SP UNP	T16	Single Pin	Disinfection	High Efficiency	9000

Installation diagrams



Single Pin

4 Pins Single Ended

Light Technical Characteristics

Order code	Full product name	Colour Designation	Colour Code	Depreciation at useful lifetime
642318 99	TUV 36T5 HE 4P SE UNP	-	-	-

Order code	Full product name	Colour Designation	Colour Code	Depreciation at useful lifetime
642325 99	TUV 64T5 HE 4P SE UNP	-	-	-

UV-related Characteristics

Order code	Full product name	Colour Designation	Colour Code	Depreciation at useful lifetime
261311 99	TUV 64T5 HO 4P SE UNP	-	-	-
869708 99	TUV 36T5 HO 4P SE UNP	-	-	-
640369 99	TUV 36T5 SP NO	-	-	-
640796 99	TUV 64T5 HE SP UNP	-	-	-

Order code	Full product name	UV-C Radiation
642318 99	TUV 36T5 HE 4P SE UNP	15
642325 99	TUV 64T5 HE 4P SE UNP	31
261311 99	TUV 64T5 HO 4P SE UNP	48
869708 99	TUV 36T5 HO 4P SE UNP	25
640369 99	TUV 36T5 SP NO	15
640796 99	TUV 64T5 HE SP UNP	31

Electrical Characteristics

Order code	Full product name	Lamp Current	Rated Lamp Wattage
642318 99	TUV 36T5 HE 4P SE UNP	0.425	40
642325 99	TUV 64T5 HE 4P SE UNP	0.425	75
261311 99	TUV 64T5 HO 4P SE UNP	0.8	75
869708 99	TUV 36T5 HO 4P SE UNP	0.8	75
640369 99	TUV 36T5 SP NO	0.425	40
640796 99	TUV 64T5 HE SP UNP	0.425	75

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261311 99	TUV 64T5 HO 4P SE UNP	48
869708 99	TUV 36T5 HO 4P SE UNP	25
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data subject to change