



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

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

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

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

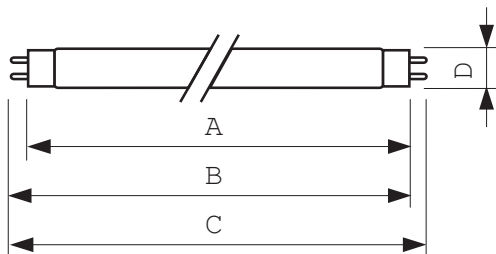
Related products



TUV T8

- Areas with low maintenance and/or disruptive costs
- Fish ponds and process water units

Dimensional drawing



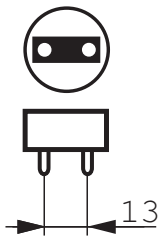
Product	A (Max)	B (Min)	B (Max)	C (Max)	D (Max)
TUV TL-D 10W	331.5	336.2	338.6	345.7	28
TUV TL-D 15W	437.4	442.1	444.5	451.6	28
TUV TL-D 25W	437.4	442.1	444.5	451.6	28
TUV TL-D 30W	894.6	899.3	901.7	908.8	28
TUV TL-D 36W	1199.4	1204.1	1206.5	1213.6	28
TUV TL-D 75W HO	1199.4	1204.1	1206.5	1213.6	28
TUV TL-D 55W HO	894.6	899.3	901.7	908.8	28

General Characteristics

Order code	Full product name	Bulb	Cap-Base	Main Application	System Description	Useful Life
928024204005	TUV 10W SLV	T26	G13	Disinfection	-	9000
928039004005	TUV 15W SLV	T26	G13	Disinfection	-	9000
928039404005	TUV 25W 1SL	T26	G13	Disinfection	-	9000
928039504005	TUV 30W 1SL	T26	G13	Disinfection	-	9000
928048604003	TUV 36W SLV	T26	G13	Disinfection	-	9000

Order code	Full product name	Bulb	Cap-Base	Main Application	System Description	Useful Life
928049404003	TUV 75W HO 1SL	T26	G13	Disinfection	High Output	9000
928049504003	TUV 55W HO 1SL	T26	G13	Disinfection	High Output	9000

Installation diagrams



G13

Light Technical Characteristics

Order code	Full product name	Color Designation (text)	Depreciation at useful lifetime
928024204005	TUV 10W SLV	-	-
928039004005	TUV 15W SLV	-	-
928039404005	TUV 25W 1SL	-	-
928039504005	TUV 30W 1SL	-	-
928048604003	TUV 36W SLV	-	-
928049404003	TUV 75W HO 1SL	-	-
928049504003	TUV 55W HO 1SL	-	-

Order code	Full product name	Lamp Current	Lamp Wattage
928049404003	TUV 75W HO 1SL	0.84	75
928049504003	TUV 55W HO 1SL	0.77	55

Environmental Characteristics

Order code	Full product name	Mercury (Hg) Content
928039004005	TUV 15W SLV	2.0
928039404005	TUV 25W 1SL	2.0
928039504005	TUV 30W 1SL	2.0
928048604003	TUV 36W SLV	2.0
928049404003	TUV 75W HO 1SL	2.0
928049504003	TUV 55W HO 1SL	2.0

Electrical Characteristics

Order code	Full product name	Lamp Current	Lamp Wattage
928024204005	TUV 10W SLV	0.23	10
928039004005	TUV 15W SLV	0.34	15
928039404005	TUV 25W 1SL	0.6	25
928039504005	TUV 30W 1SL	0.37	30
928048604003	TUV 36W SLV	0.44	36

UV-related Characteristics

Order code	Full product name	UV-C Radiation
928024204005	TUV 10W SLV	2.5
928039004005	TUV 15W SLV	4.9

Order code	Full product name	UV-C Radiation
928039404005	TUV 25W 1SL	7
928039504005	TUV 30W 1SL	12.0
928048604003	TUV 36W SLV	15.0
928049404003	TUV 75W HO 1SL	25.5
928049504003	TUV 55W HO 1SL	17.5

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928024204005	TUV 10W SLV	2.5
928039004005	TUV 15W SLV	4.9
928039404005	TUV 25W 1SL	7
928039504005	TUV 30W 1SL	12.0
928048604003	TUV 36W SLV	15.0
928049404003	TUV 75W HO 1SL	25.5
928049504003	TUV 55W HO 1SL	17.5

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928039404005	TUV 25W 1SL	7
928039504005	TUV 30W 1SL	12.0
928048604003	TUV 36W SLV	15.0
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928049504003	TUV 55W HO 1SL	17.5

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