



Philips TUV TL Mini

Philips TUV TL Mini lamps are slim double-ended UVC (germicidal) lamps used in residential water and air disinfection units. The small 16 mm diameter of the lamp allows for a small system design and design flexibility. Philips TUV TL Mini lamps offer almost constant UV output over their complete lifetime, for maximum security of disinfection and high system efficacy.

Main applications

- Deactivation of bacteria, viruses and other micro-organisms
- Residential drinking water units
- Fish pond water units
- Stand alone air purifiers

Features

Short-wave UV radiation with a peak at 253.7 nm (UVC) for disinfection purposes

Protective inside coating ensures almost constant UV output over the complete lifetime of the lamp

Special lamp glass filters out the 185 nm ozone-forming radiation

Warning sign on lamp indicates that the lamp radiates UVC

Benefits

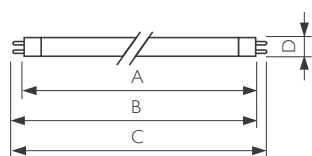
Effective disinfection over the useful lifetime of the lamp

High system efficacy because it is not required to over-design the purification system to maintain effectiveness of disinfection

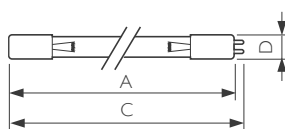
Good environmental choice because of lowest amount of mercury

Technical data

Type	Cap-Base	Dim. no	Technical Lamp Wattage (W)	Lamp Voltage (V)	UVC at 100h (W)	Lamp Current (A)	Useful life (h)	Depreciation at useful lifetime (%)	Packaging type	Packaging configuration	Ordering number 12 NC
4W	G5	1	4	29	0.9	0.17	6000	20	1FM	10x25BOX	928000104013
6W	G5	2	6	42	1.5	0.16	9000	20	1FM	10x25BOX	928000704013
8W	G5	3	8	56	2.4	0.15	11000	15	1FM	10x25BOX	928001104013
11W	G5	2	11	26	2.6	0.43	11000	15	1FM	10x25BOX	928002204013
16W	G5	4	15	43	4.0	0.40	11000	15	1FM	10x25BOX	928002004013
20W	G5	5	20	45	6.0	0.45	11000	15	1FM	10x25BOX	928003404013
25W	G5	6	25	55	7.2	0.45	5000	15	1FM	10x25BOX	928002604013
6W 4P SE	4 Pins Single Ended	7	6	42	1.7	0.16	9000	20	UNP	32	927971604099
11W 4P SE	4 Pins Single Ended	8	11	26	2.6	0.43	9000	15	UNP	32	927971204099
16W 4P SE	4 Pins Single Ended	9	15	43	4.0	0.40	9000	15	UNP	32	927971404099
20W 4P SE	4 Pins Single Ended	10	20	45	6.0	0.45	11000	15	UNP	32	927973404099
25W 4P SE	4 Pins Single Ended	11	25	55	8.0	0.45	9000	20	UNP	32	927972204099



G5



4 Pins Single Ended

Dim. no.	A max.	B min.	B max.	C max.	D max.
1	135.9	140.6	143.0	150.1	16
2	212.1	216.8	219.2	226.3	16
3	283.3	293.0	295.4	302.5	16
4	288.3	293.0	295.4	302.5	16
5	398.0	402.7	405.1	412.2	16
6	516.9	521.6	524.0	531.1	16

Dim. no.	A max.	C max.	D max.
7	244.1	251.8	19
8	244.1	251.8	19
9	320.3	328.0	19
10	430.0	437.7	19
11	548.9	556.6	19

* Dimensions (mm)