



Philips TUV PL-S

Philips TUV PL-S lamps are compact UVC (germicidal) lamps used in residential water and air disinfection units. The compact size of the lamp allows for a small system design and design flexibility. Philips TUV PL-S lamps offer almost constant UV output over their complete lifetime, for maximum security of disinfection and high system efficacy. Thanks to the single-ended lamp base, lamp replacement is easy.

Main applications

- Deactivation of bacteria, viruses and other micro-organisms
- Residential drinking water units
- Pond water units
- Air treatment units
- Stand-alone 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

2-Pin PL-S lamp base contains a special starter for almost instant starting on electromagnetic drivers

4-Pin PL-S lamps are designed for use on electronic drivers

Warning sign on lamp indicates that the lamp radiates UVC

Benefits

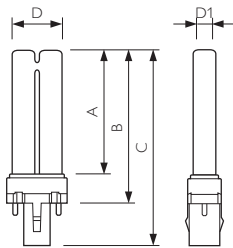
Effective disinfection over the useful lifetime of the lamp

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

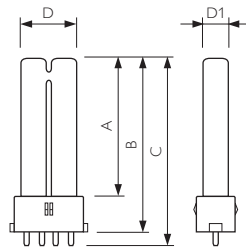
Good environmental choice because of lowest amount of mercury

Technical data

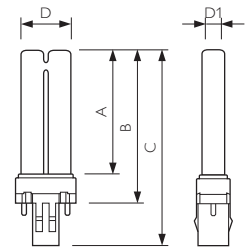
Type	Cap-Base	Dim. no	Technical Lamp Wattage (W)	Lamp Voltage (V)	UVC at 100h (W)	Lamp Current (A)	Useful life (h)	Depreciation at useful lifetime (%)	Packaging type	Packaging configuration	Ordering number 12 NC
5W/2P	G23	1	5.5	35	1	0.18	9000	20	1CT	6x10BOX	927900504007
5W/4P	2G7	2	5.1	27	1	0.19	9000	15	1CT	5x10CC	927900804007
7W/2P	G23	3	7.1	46	1.5	0.18	9000	20	1CT	5x10CC	927901104007
9W/2P	G23	4	8.6	60	2.2	0.17	9000	20	1CT	6x10BOX	927901704008
9W/4P	2G7	5	8.6	60	2.2	0.17	9000	20	1CT	6x10BOX	927901904007
11W/2P	G23	6	11.6	89	3.2	0.16	9000	20	1CT	6x10BOX	927902304007
11W/4P	2G7	7	11.6	89	3.5	0.16	9000	20	1CT	6x10BOX	927902404007
13W/2P	GX23	8	13.0	56	3.4	0.29	9000	20	1CT	6x10BOX	927902804007



G23



2G7



GX23

Dim.* no.	A max.	B max.	C max.	D max.	D1 max.
1	67	83	105	28	13
3	97	112,5	135,5	28	13
4	129	145	167	28	13
6	198	213,3	236	28	13

Dim.* no.	A max.	B max.	C max.	D max.	D1 max.
2	65,2	83	89	28	13
5	129	145	167	28	13
7	198	213,3	219,9	28	13

Dim.* no.	A max.	B max.	C max.	D max.	D1 max.
8	139,5	155,2	178,2	28	13

* Dimensions (mm)