



# Philips TUV PL-L

Philips TUV PL-L lamps are compact UVC (germicidal) lamps used in water and air disinfection units. The compact size of the lamp allows for a small system design and design flexibility. Philips TUV PL-L 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
- Air disinfection systems in for example hospitals, universities and laboratories
- In-duct air treatment units
- Stand alone air purifiers
- Residential drinking water units
- Fish pond and process water units

### 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

High Output versions contain wind-chill correction for improved performance in moving air and reducing amount of required lamps

Warning sign on lamp indicates that the lamp radiates UVC

### Benefits

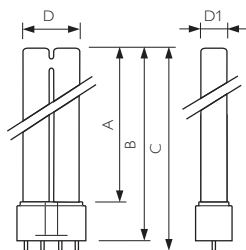
Effective disinfection over the useful lifetime of the lamp

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 life (%)	Packaging type	Packaging configuration	Ordering number 12 NC
18W/4P	2G11	1	18	60	5.5	0.370	9000	15	1CT	25	927903004007
24W/4P	2G11	2	24	87	7.0	0.350	9000	15	UNP	50	927903204016
36W/4P	2G11	3	36	106	12.0	0.440	9000	15	1CT	25	927903404007
55W/4P	2G11	4	55	105	17.0	0.540	9000	15	1CT	25	927908704007
35W/4P HO	2G11	5	35	42	11.0	0.850	9000	15	1CT	25	927904204007
60W/4P HO	2G11	3	65	82	19.0	0.800	9000	15	1CT	25	927909004007
95W/4P HO	2G11	4	90	115	27.0	0.800	9000	15	1CT	25	927909804007



2G11

Dim.* no.	A max.	B max.	C max.	D1 max.
1	195	220	225	18
2	290	315	320	18
3	385	410	415	18
4	505	530	535	18
5	195	220	226	18

\* Dimensions (mm)