



# Product Description

## TUV PL-S

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. TUV PL-S lamps offer 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.

### 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 purposes
- Protective inside coating ensures constant UV output over the complete lifetime of the lamp
- Lamp glass filters out the 185 nm ozone-forming line
- PL-S lamp base contains a special starter for almost instant starting
- Wind-chill corrected versions available for optimal application performance and reducing amount of required lamps
- Warning sign on lamp indicates that the lamp radiates UVC

### Application

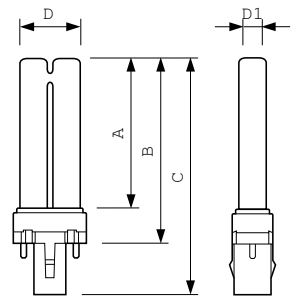
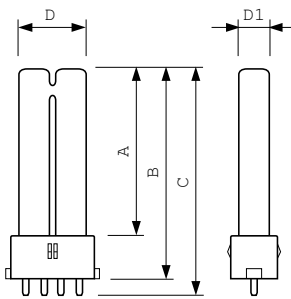
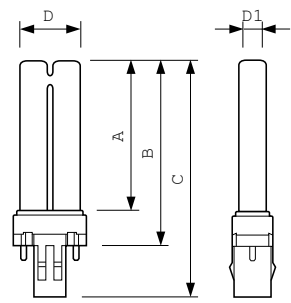
- Deactivation of bacteria, viruses and other micro-organisms
- Residential drinking water units
- Pond water units
- Air treatment units
- Stand-alone purifiers

# TUV PL-S

## Versions



## Dimensional drawing



Product	D1 (max)	D (max)	A (max)	B (max)	C (max)
TUV PL-S 13W/2P 1CT/ 6X10BOX	13 mm	28 mm	139.5 mm	155.2 mm	178.2 mm

Product	D1 (max)	D (max)	A (max)	B (max)	C (max)
TUV PL-S 9W/4P 1CT/ 6X10BOX	13 mm	28 mm	127.2 mm	144.5 mm	151.1 mm

Product	D1 (max)	D (max)	A (max)	B (max)	C (max)
TUV PL-S 11W/2P 1CT/ 6X10BOX	13 mm	28 mm	198 mm	213.3 mm	236.3 mm
TUV PL-S 7W/2P 1CT/5X10CC	13 mm	28 mm	97 mm	112.5 mm	135.5 mm
TUV PL-S 9W/2P 1CT/ 6X10BOX	13 mm	28 mm	129 mm	144.5 mm	167 mm
TUV PL-S 5W/2P 1CT/ 6X10BOX	13 mm	28 mm	67 mm	83 mm	105 mm

# TUV PL-S

## Approval and Application

Mercury (Hg) Content (Nom)	3.0 mg
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## General Information

Useful Life (Nom)	9000 h
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Main Application	Disinfection
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## Light Technical

Colour Code	TUV
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Colour Designation	-
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Lumen Depreciation At Useful Lifetime	20 %
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## Mechanical and Housing

Bulb Shape	2xT12
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## Operating and Electrical

Order Code	Full Product Name	Lamp		Power
		Current (Nom)	Voltage (Nom)	(Rated) (Nom)
927900504007	TUV PL-S 5W/2P 1CT/ 6X10BOX	0.18 A	34 V	5.5 W
927901104007	TUV PL-S 7W/2P 1CT/ 5X10CC	0.175 A	46 V	7.1 W
927901704007	TUV PL-S 9W/2P 1CT/ 6X10BOX	0.17 A	60 V	9 W

Order Code	Full Product Name	Lamp		Power
		Current (Nom)	Voltage (Nom)	(Rated) (Nom)
927902304007	TUV PL-S 11W/2P 1CT/ 6X10BOX	0.16 A	89 V	11 W
927901904007	TUV PL-S 9W/4P 1CT/ 6X10BOX	0.17 A	60 V	8.6 W
927902804007	TUV PL-S 13W/2P 1CT/ 6X10BOX	0.29 A	56 V	13.0 W

## General Information

Order Code	Full Product Name	Cap-Base
927900504007	TUV PL-S 5W/2P 1CT/6X10BOX	G23
927901104007	TUV PL-S 7W/2P 1CT/5X10CC	G23
927901704007	TUV PL-S 9W/2P 1CT/6X10BOX	G23

Order Code	Full Product Name	Cap-Base
927902304007	TUV PL-S 11W/2P 1CT/6X10BOX	G23
927901904007	TUV PL-S 9W/4P 1CT/6X10BOX	2G7
927902804007	TUV PL-S 13W/2P 1CT/6X10BOX	GX23

## UV

Order Code	Full Product Name	UV-C Radiation
927900504007	TUV PL-S 5W/2P 1CT/6X10BOX	1.1 W
927901104007	TUV PL-S 7W/2P 1CT/5X10CC	1.5 W

Order Code	Full Product Name	UV-C Radiation
927901704007	TUV PL-S 9W/2P 1CT/6X10BOX	2.3 W
927902304007	TUV PL-S 11W/2P 1CT/6X10BOX	3.2 W

