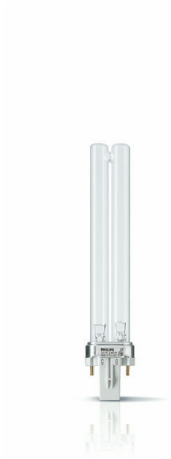
PHILIPS

Lighting



TUV PL-S - Compact solution for residential applications

TUV PL-S

TUV PL-S lamps are compact UV-C 254 nm lamps. The compact size of the lamp allows for a small system design and design flexibility. TUV PL-S lamps offer almost constant UV output over their complete lifetime. Thanks to the single-ended lamp base, lamp replacement is easy.

Benefits

- Controlled UV-C output over lifetime of the lamp
- High system efficacy
- Good environmental choice because of lowest amount of mercury

Features

- Short-wave UV radiation with a peak at 253.7 nm (UVC)
- Protective inside coating ensures constant UV output over the complete lifetime of the lamp
- 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

TUV PL-S

Application

- Residential drinking water units
- Pond water units
- Air treatment units
- Stand-alone air handlers

Warnings and Safety

- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.
- DANGER: Risk Group 3 Ultra Violet product. These lamps emit high-power UV radiation that can cause severe injury to skin and eyes. Avoid eye and skin exposure to unshielded product. Use only in an enclosed environment which shields users from the radiation.
- Plants and/or materials that are exposed to UV-C and/or ozone for a long time may become damaged and/or discolored.

Versions

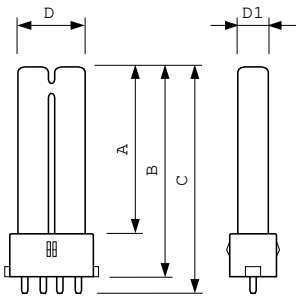
XPPR XUTUVPLS G23

XPPR XUTUVPLS GX23

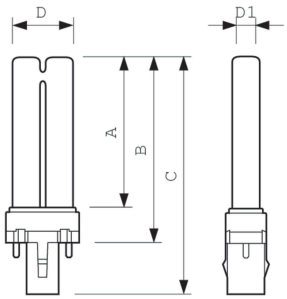
046677582876-929003296403-LED_SuperSlim-CL-22W-WHI-83Dim-120V-MIP.tif

TUV PL-S

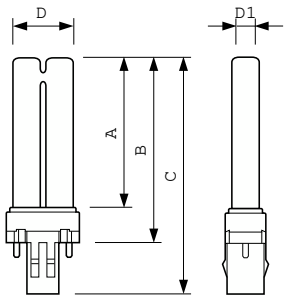
Dimensional drawing



Product	D1 (max)	D (max)	A (max)	B (max)	C (max)
TUV PL-S 9W/4P	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



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

Approval and Application

Mercury (Hg) Content (Nom)	3.0 mg

General Information

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

Order Code	Full Product Name	Cap-Base
927901904007	TUV PL-S 9W/4P	2G7

Operating and Electrical

Order Code	Full Product Name	Lamp Current (Nom)	Power Consumption
927902304007	TUV PL-S 11W/2P 1CT/ 6X10BOX	0.16 A	11.6 W

Order Code	Full Product Name	Lamp Current (Nom)	Power Consumption
927902804007	TUV PL-S 13W/2P 1CT/ 6X10BOX	0.29 A	13.0 W

TUV PL-S

Order Code	Full Product Name	Lamp Current (Nom)	Power Consumption
927901904007	TUV PL-S 9W/4P	0.17 A	8.6 W

© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. All trademarks are owned by Signify Holding or their respective owners.