PHILIPS

TUV Amalgam XPT systems

XDTUVXPT



TUV Amalgam XPT-Maximum efficiency, independent of temperature

Philips TUV Amalgam XPT system consists of an electronic driver that operates one TUV Amalgam XPT lamp, mounted in a sleeve. The electrical specifications are tailored to the lamp, ensuring an optimized performance of the Philips TUV Amalgam XPT system. Thanks to extensive testing before a lamp system is released, we can ensure maximum reliability and long lifetime. Signify offers the XPT system solution for the TUV 130W XPT, TUV 180W XPT, TUV 200W XPT and TUV 325W XPT lamps. For the other lamp types we support in advising the correct drivers available in the market.

Benefits

- Security of strong UV-C output over the useful lifetime of the lamp
- Extreme reliability of driver; with annual failure rate of less than 1%
- Approximately 10% energy savings, because lamps can be dimmed to reach the same UV output compared to similar lamps on the market
- High system efficacy because it is not required to over-design the purification system to maintain effectiveness of disinfection
- Best environmental choice because of long reliable life, less waste and industry leading low amount of mercury
- High efficiency during dimming thanks to unique amalgam temperature control of the 800W lamps

Applications

- Municipal drinking water treatment equipment
- Process water treatment equipment
- Swimming pool units

Features

- Short-wave UV radiation with a peak at 253.7 nm (UVC)
- Special amalgam used for highest efficiency over wide temperature range
- Protective inside coating ensures constant UV output over the complete lifetime of the lamp
- Philips electronic driver available for a perfect interface
- Minimized amount of mercury
- Universal burning position possible for the T6 range, depending on lamp type and sleeve dimensions
- Tailor-made solutions possible

- 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-XDTUVXPT-Amalgam330W-ProductPhoto

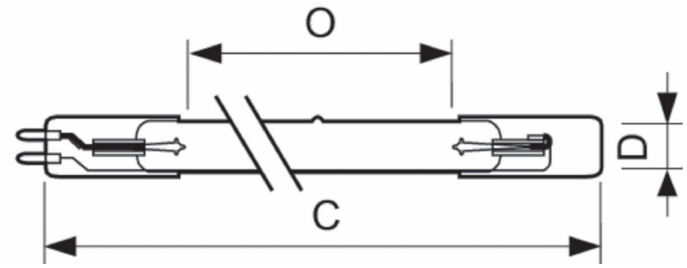


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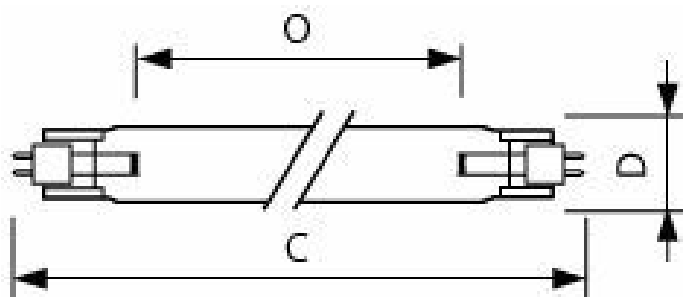


XPPR_XDTUVXPT_0001-Product photo

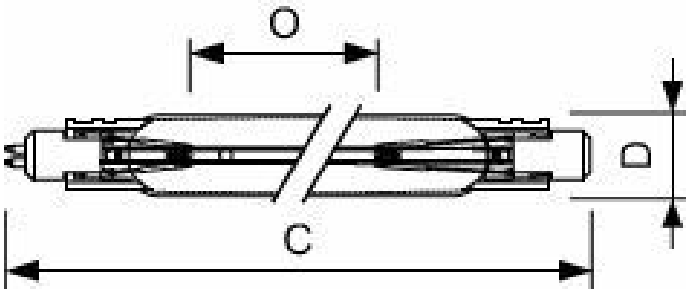
Dimensional drawing



Product	D	O	C (max)
TUV 130W XPT SE UNP/20	19 mm	740 mm	842 mm
TUV 180W XPT SE UNP/20	19 mm	930 mm	1,032 mm
TUV 200W XPT SE UNP/20	19 mm	1,040 mm	1,147 mm
TUV 240W XPT SE P UNP/20	19 mm	1,450 mm	1,559 mm
TUV 320W XPT SE UNP/20	19 mm	1,454 mm	1,556 mm
TUV 325W XPT HO SE UNP/20	19 mm	1,480 mm	1,582 mm



Product	D	O	C (max)
TUV 330W XPT DE UNP	32 mm	1,440 mm	1,554 mm



Product	D	O	C (max)
TUV 800W XHO SE	38 mm	1,609 mm	1,791 mm

Controls and Dimming

Dimmable	Yes

General Information

Order Code	Full Product Name	Cap-Base	Operating Position
928107205112	TUV 330W XPT DE UNP	-	P10
928101805112	TUV 130W XPT SE UNP/20	G10.2q	P10
928103005112	TUV 240W XPT SE P UNP/20	G10.2q	Horizontal – Vertical (in vertical position, temperature of amalgam should be kept below 140 °C)
928106805112	TUV 180W XPT SE UNP/20	G10.2q	UNIVERSAL
928106905112	TUV 200W XPT SE UNP/20	G10.2q	UNIVERSAL
928107005112	TUV 325W XPT HO SE UNP/20	G10.2q	Horizontal – Vertical (in vertical position, temperature of amalgam should be kept below 140 °C)
928482115112	TUV 320W XPT SE UNP/20	G10.2q	Horizontal – Vertical (in vertical position, temperature of amalgam should be kept below 140 °C)
928107605112	TUV 800W XHO SE	GX10.2q	UNIVERSAL

Operating and Electrical

Order Code	Full Product Name	Power Consumption	Lamp Current (Nom)
928107205112	TUV 330W XPT DE UNP	330 W	-
928101805112	TUV 130W XPT SE UNP/20	130 W	2.1 A
928103005112	TUV 240W XPT SE P UNP/20	240 W	2.1 A
928106805112	TUV 180W XPT SE UNP/20	180 W	2.1 A
928106905112	TUV 200W XPT SE UNP/20	200 W	2.1 A
928107005112	TUV 325W XPT HO SE UNP/20	325 W	2.0 A
928482115112	TUV 320W XPT SE UNP/20	320 W	2.0 A
928107605112	TUV 800W XHO SE	800 W	8 A

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