



# TUV Amalgam XPT systems

## TUV 800W XHO SE

TUV Amalgam XPT lamps are long-arc UVC (germicidal) lamps used in professional water disinfection equipment. They combine high efficiency with relatively high power density. Thanks to their constant UVC output over the complete lifetime, these lamps can be dimmed to reach the same UVC output compared with similar lamps on the market, allowing for approximately 10% energy savings. The special amalgam used allows for flexibility in system design and application temperature.

### 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 discoloured.

### Product data

General Information		Lamp current (nom.)	
Cap base	GX10.2Q [ GX10.2q]	8 A	
Burning Position	UNIVERSAL [ Any/Universal]	Controls and Dimming	
Main application	Disinfection	Dimmable	Yes
Light Technical		Luminaire Design Requirements	
Depreciation at useful lifetime	1000 %	Bulb temperature (nom.)	180 °C
Operating and Electrical		Pinch temperature (nom.)	95 °C
Power (Rated) (Nom)	800 W		

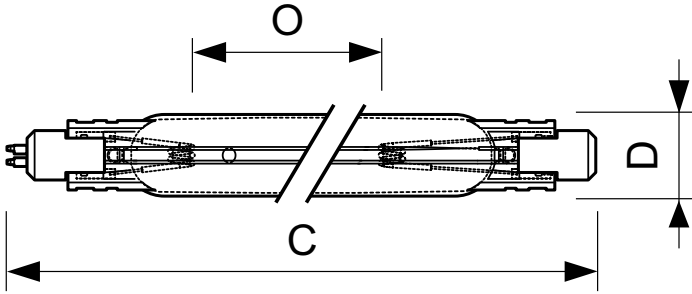
# TUV Amalgam XPT systems

## Product Data

Full product code	872790095285800
Order product name	TUV 800W XHO SE
EAN/UPC – product	8718291547839
Order code	928107605112
SAP numerator – quantity per pack	1

Numerator – packs per outer box	40
SAP material	928107605112
SAP net weight (piece)	0.739 kg

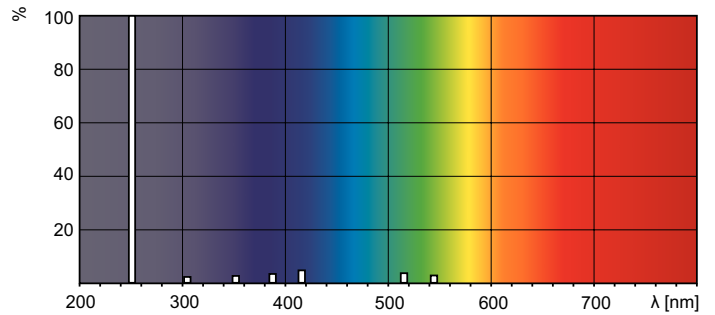
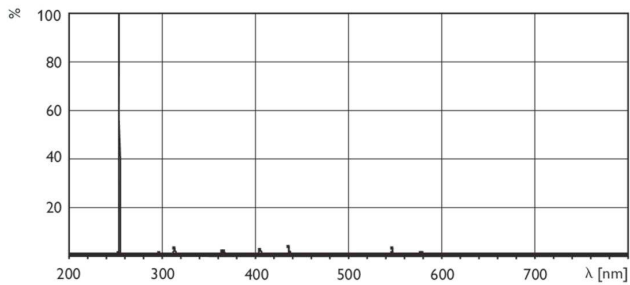
## Dimensional drawing



Product	D	O	C (max)
TUV 800W XHO SE	38 mm	1609 mm	1791 mm

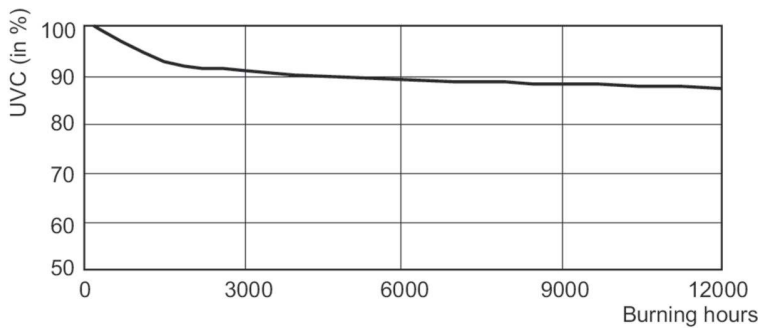
TUV 800W XHO SE

## Photometric data



XDPB\_XDTUVXPT-Spectral power distribution B/W

## Lifetime



XDLM\_XDTUVXPT\_0006-Lumen maintenance diagram

## TUV Amalgam XPT systems

