



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 | | | |
|---------------------------------|----------------------------|--|--|
| Cap base | GX10.2Q [GX10.2q] | | |
| Burning Position | UNIVERSAL [Any/Universal] | | |
| Main application | Disinfection | | |
| | | | |
| Light Technical | | | |
| Depreciation at useful lifetime | 1000 % | | |
| | | | |
| Operating and Electrical | | | |
| Power (Rated) (Nom) | 800 W | | |
| | | | |

| Lamp current (nom.) | 8 A | |
|-------------------------------|--------|--|
| | | |
| Controls and Dimming | | |
| Dimmable | Yes | |
| | | |
| Luminaire Design Requirements | | |
| Bulb temperature (nom.) | 180 °C | |
| Pinch temperature (nom.) | 95 ℃ | |
| | | |

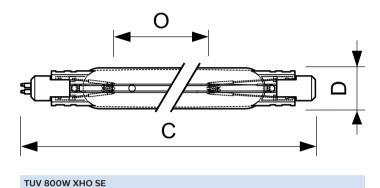
Datasheet, 2021, March 19 data subject to change

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| 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 | |

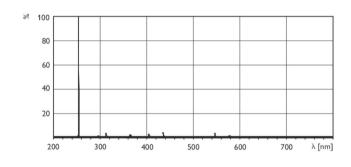
| Numerator – packs per outer box | 40 | | |
|---------------------------------|--------------|--|--|
| SAP material | 928107605112 | | |
| SAP net weight (piece) | 0.739 kg | | |

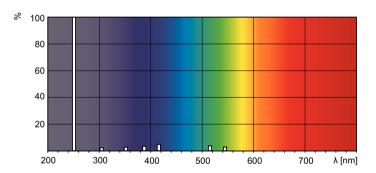
Dimensional drawing



| Product | D | 0 | C (max) |
|-----------------|-------|---------|---------|
| TUV 800W XHO SE | 38 mm | 1609 mm | 1791 mm |

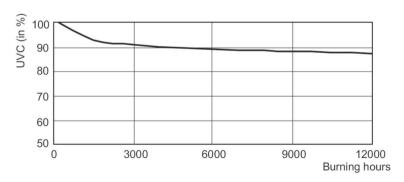
Photometric data





XDPB_XDTUVXPT-Spectral power distribution B/W

Lifetime



XDLM_XDTUVXPT_0006-Lumen maintenance diagram

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