



TUV Amalgam XPT systems

TUV 180W XPT SE UNP/20

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.

Product data

General Information			
Cap-Base	G10.2Q [G10.2q]		
Operating Position	UNIVERSAL [Any or Universal (U)]		
Useful Life (Nom)	12,000 h		
Light Technical			
Depreciation at Useful Lifetime	10 %		
Arc Length O (Nom)	930 mm		
Operating and Electrical			
Power Consumption	180 W		

Lamp Current (Nom)	2.1 A		
Controls and Dimming			
Dimmable	Yes		
UV			
UV-C Radiation at 100 hr	61 W		
Product Data			
Order product name	TUV 180W XPT SE UNP/20		
Full product name	TUV 180W XPT SE UNP/20		

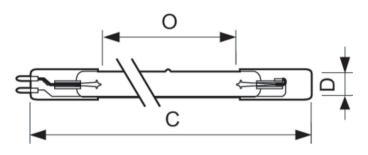
Datasheet, 2023, April 16 data subject to change

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Full product code	872790080122400		
Order code	928106805112		
Material Nr. (12NC)	928106805112		
Local order code	TUV180WXPTSE		
Numerator - Quantity Per Pack	1		

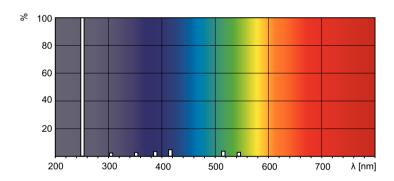
EAN/UPC - Product/Case	8727900801224	
Numerator - Packs per outer box	20	
EAN/UPC - Case	8727900801224	

Dimensional drawing



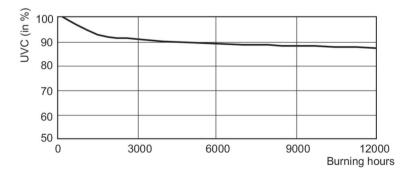
Product	D	0	C (max)
TUV 180W XPT SE UNP/20	19 mm	930 mm	1,032 mm

Photometric data



Spectral Power Distribution Colour - TUV 180W XPT SE UNP/20

Lifetime



Lumen Maintenance Diagram - TUV 180W XPT SE UNP/20

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