XERADEX UV special lamp
XERADEX L40/1100/DB-AZ48/90

Radium

Product Datasheet Date: 03.11.2026



General Data

Article No.	34317634
Code	XERADEX L40/1100/DB-AZ48/90
Product EAN	4008597176340
Box quantitiy (pcs.)	1
EAN Box	4008597476341
Gross weight of box in kg	20.575
Length of box in m	2.6
Width of box in m	0.22
Height of box in m	0.23
Product weight	2000 g
Product status	Active

Electric Parameters

Lamp power	550.0 W
max. power without active cooling	180.0 W
max. power with active cooling	550.0 W

Light Application Parameters

Type of UV radiation	UV-C

Service Life

Life L70 without active cooling	2500 h
Life L70 at max. power with cooling	1500 h

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Specification

Diameter	40 mm
radiatior length (glass)	1100 mm
Lamp shape	Tube, single-ended
Base	Other

Notes on Operation

Generating ozone	Yes
Suitable for air disinfection	Yes
Suitable for water disinfection	Yes
Suitable Accessories	52317009

Notes

Xenon Excimer radiation source (UV-C), operation in air tight casing and with original ballast only. Ensure good air ventilation (ozone generating).

Please, refer to www.radium.de/recycling for notes on disposal of burned-out lamps as well as lamp breakage.
The field 'info about service life' contains the frame conditions according to standards based on which the specific service life has been determined. So, for example, "12B50, 50Hz" means that the mean service life (B50) has been determined with a 12h switching cycle at mains (frequency 50Hz), "3B50, HF" is based on a 3h switching cycle at electronic control gear (high frequency).

General notes
The technical design data in accordance with DIN and IEC. The producer does not take any responsibility for damage to persons or property in case of unsuitable operation or handling of the product. Operating data and dimensions are valid within the usual tolerances. Related lamp types (different bases, mains voltages) may be available on request. Sale and delivery are effected in accordance with the Radium Terms of Delivery and Payment valid on the day of conclusion of contract. Packing units offer economical advantages to the purchase and logistic department. Please match your quantity volume accordingly. For orders of a minimum quantity (clefts) with a lamp model the amount lower than the volume of each packaging unit, we will invoice 10 % additional charge per lamp type. Technical changes and terms of delivery are reserved. Manipulation of any kind to packaging or product is not permissible as this will violate Radium brand rights. Furthermore, technical properties of the product can change to its disadvantage or even destruction. Therefore, Radium cannot be responsible for consequential damages.
® = Registered trademark
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Safety instructions
XERADEX lamps produce extremely intense UV radiation that is heavily absorbed by oxygen. Ozone is produced as a result. Adequate ventilation must therefore be provided during their operation. The lamps should be operated only in airtight enclosures. XERADEX lamps are operated at high voltage and may only be connected to original DBD control gear designed for this purpose. Never connect them to any other control gear. Lamps are operated at high voltage and may only be installed, exchanged and operated by qualified personnel.

All technical data without guarantee.