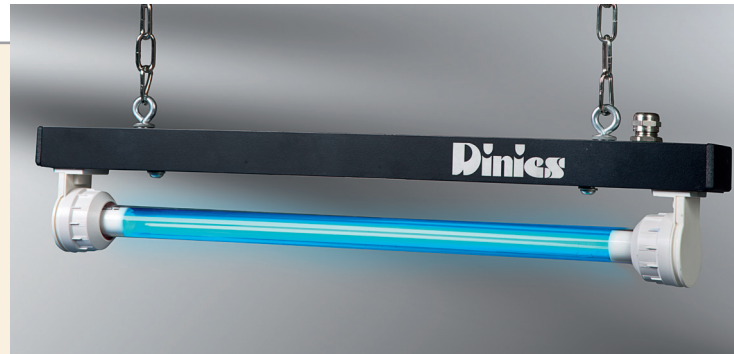


UV-LAMPS NIX

NATURAL AIR
DISINFECTION

- Effective purification of up to 99% of all airborne microorganisms
- Purification without the use of chemicals
- Improved room climate
- Purification takes place during the work process
- Improved product quality
- Actively supports the required HACCP guidelines
- Model with protective reflector can be operated safely when people are in the room



Dinies

Technologies GmbH

just clean - with UV

www.dinies.com

UV-Lamps NIX

The NIXmeer series of ceiling lamp is used for indoor air and surface purification. Through the natural circulation of air in the room, the air always is directed past the UVC lamps. The model with two spots is provided with a protective reflector so that people in the room are protected from UV radiation. All lamps are designed for ceiling installation. The housing is made of anodized aluminium, the protective reflector of polished stainless steel.

Effect of the UV-lamps

In our Dinies UV lamps, UVC radiation emitters with a wavelength of 254nm are used. This wavelength has the property of modifying the DNA of microorganisms so that reproduction is not possible:

- Due to the natural circulation of the air stream, the microorganisms pass the UV lamps.
- There the UVC radiation absorbs the DNA of the microorganisms.
- It blocks cell division - the microorganisms die.

Areas of application

- Doctors' practices, laboratories, hospitals
- Air purification and surface purification in production sectors (food, pharmaceuticals)
- Storage rooms, ripe rooms
- Botanical facilities
- Livestock
- Clean room environments
- Deactivation of DNA fragments on workbenches



Technical Data

Model	Rated voltage	Rated power	UVC power	Room size	Number of lamps	Degree of protection	Protective reflector	Optimal room temperature	Dimensions wxhxd (mm)
NIX30-1	230V/50Hz	35W	10W	20 m³	1 x 30W	IP44	no	12 – 35° C	970x40x90
NIX30-2	230V/50Hz	65W	20W	40 m³	2 x 30W	IP44	yes	12 – 35° C	1140x160x135

handed out by: