

UV-LAMPS ENIX

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



just clean - with UV

UV-Lamps ENIX

The ENIXmeer 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 aluminum, the protective reflector of polished stainless steel.

Effect of the UV-lamps

In our 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

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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)
ENIX35	230V/50Hz	35W	10W	20 m ³	1 x 30W	IP44	no	12 – 35° C	970x40x90
ENIX65	230V/50Hz	65W	20W	40 m ³	2 x 30W	IP44	yes	12 – 35° C	1140x160x135

handed out by:

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