

ND 100W LED

Operating instructions



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1. Revision summary

Revision	Date	Comments/ Changes
1.0	17-03-2021	Document created

2. About the documentation

This manual has been made as a basis for the CE marking and is completed in accordance with Directive 2006/42 / EC of the European Parliament and of the Council of 17 May 2006.

The folder contains important information about the installation, including service manual and safety instructions.

It is recommended to keep the folder visible and close to, the machine and inform your staff about it.

3. Equipment overview

The UV-unit contains of:

Defined on the order confirmation.

3.1 Environment for the equipment

3.1.1. Storage and environment

The equipment is not designed for outdoor use or storage.

If the equipment meets saline or acidic moisture or liquid, this should be removed from the system as soon as possible to prevent corrosion.

3.1.2. Requirement before use

The equipment must be included as a component with the buyer:

- Repairs, service, and maintenance may only be carried out by qualified persons with proper training.
- If constructive changes are made to the equipment, the CE marking will lapse.

3.1.3 Disposal of parts

- Consumable items must be disposed of in accordance with current legislation.

4. Safety in and around UV equipment

4.1 Exposure:

Overexposure to UVA light can cause unwanted side effects such as erythema (sunburn), eye inflammation and photokeratitis (photosensitivity) for a short time (acute effect) and can lead to premature aging of the skin, skin cancer and cataracts because of repeated exposure for a long time (chronic effect).

Wear safety goggles during use.

The key to avoiding overexposure is by following these instructions:

Commercial UV light exposure in the EU, is determined by Artificial Optical Radiation Directive 2006/25/EC. It contains the applicable rules on limits for UV light.

If people are exposed to UV light from artificial sources, it is necessary to assess the risk level of unwanted side effects on health by determining a personal UV light exposure level and comparing it with the value limits of the exposure.

Where the personal UV light exposure level meets the exposure limit values, the risk will be considered low for most of the population and should be controlled as far as possible.

Where the personal UV light exposure exceeds the exposure limit, additional control measures must be implemented to reduce the exposure limit to current legislation.

4.2 Control measures

The purpose is to ensure that, UV light exposure limits for unprotected skin and eyes, should not be exceeded. This can be ensured through control measures.

a. Risk

All people who may be exposed to unusual levels of UV light exposure limit or significant exposure must have adequate information and training to understand the associated risk to their health and safety precautions. Anyone who discovers a form of abnormal or unwanted reaction that could be considered due to exposure to UV light should not be exposed to UV light in the future.

b. Compliance with the exposure limit of UV light to unprotected skin and eyes in accordance with control of artificial optical radiation, 2010

The exposure limit of the UV light is defined by the level of exposure of the UV light that is below the assumption that almost all individuals can be exposed to repeated times without any undesirable effect on health.

Some people may be photosensitive or exposed to photosensitizers and therefore the exposure limit may not be adequately protected. These individuals should seek medical advice for additional protective measures that may be required prior to any exposure to UV light.

One should not look directly into the lamp without eye protection.

5. Environment

5.1 Disposal

This product must be disposed at a waste disposal site for electrical and electronic waste.

If parts of the unit are resold for purposes other than disposal, it is the owner's responsibility to make the recipient aware of the disposal rules.



6. Service and maintenance

Maintenance consists of regular wiping, as well as battery replacement. Use only AA batteries.

7. Liability and Warranty

This UVA lamp is covered by our standard warranty of 1 year from the time of delivery.

Our general terms of sale and delivery are always valid.

We cannot be held responsible for damages caused by:

- Operating errors caused by non-compliance with these guidelines.

Warranty lapses upon:

- Operation with spare parts that are non-original
- Defective and incorrect installation
- Installation of unsuitable accessories
- Incorrect operation
- Removal, manipulation, or removal of safety equipment
- Unproper performance of service and maintenance
- Wear and lack of maintenance
- Impacts in the environment or installation, which we did not have the opportunity to anticipate at the time of dimensioning.