

Inspection of surfaces



UVA 3w flashlight

Operator's Manual (maintenance, use and safety)

Congratulations on your new acquisition.



For accident prevention or personal injury, this manual must be read carefully.

It is important that instructions are followed and that warnings are taken seriously before using the equipment. If you have any questions regarding the instructions or warnings please call +45 22 680 680.

This manual must always be accessible to all operators and maintenance personnel.

The UVA flashlight is designed to illuminate surfaces etc. It can be used with fluorescent substances such as powder or wax, for a reinforcing effect.

It must not be used for other purposes.

Disclaimer

Natural Desinfection Aps can not take responsibility for damage due to improper use or use of products other than the intended.

Due to our policy of continuous product development, we reserve the right to change specifications and technical data, therefore the information in this manual may be changed without prior notice.

1. Health and safety

1.1 UV light exposure



Over-exposure of UVA light may cause undesirable side effects such as erythema (sunburn), eye inflammation and photokeratitis (light sensitive) for a short time (acute effect) and may cause premature skin aging, skin cancer and cataracts as a result of repeated exposure in longer (chronic effect).

The key to avoiding over-exposure is by following these instructions

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

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

Where the personal UV light exposure level meets the exposure limit values, the risk may be considered low, it should be checked as far as possible.

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

1.2 Control measures

The purpose is to ensure the UV light exposure limits for unprotected skin and eyes should not be exceeded by some persons. This can be done through control measures.

a) Conscious risk

All persons who may be exposed to unusual levels of UV light exposure limit or significant personal exposure should have enough information and training to understand the associated health and safety risks. Any person who discovers any abnormal or unwanted reaction that might be considered due to exposure to UV light should not be exposed to UV light in the future.

b) Compliance with UV exposure limit for unprotected skin and eyes in accordance with artificial optical radiation control, 2010.

The exposure limit of the UV light is believed to be almost all subjects exposed repeatedly without undesirable effects on health.

Some People may be photosensitive or exposed to photosensitizers, and therefore the exposure limit may not be enough protection. These individuals should seek medical advice respecting additional protective measures that may be required before any exposure to UV light.

It is necessary for the responsible person to limit the personal UV light exposure time to the specified settings in the table below to ensure that the maximum allowable exposure values for unprotected skin and eyes are NOT exceeded within an 8 hour period of day.

| Limits for working with this product | | |
|---|---|----------------------------------|
| Distance from UV Led (mm) | Maximum allowed UV light over an 8 hour period per day | |
| | Uncovered skin | Uncovered eyes |
| 100 | 2 hours | 5 minutes |
| 200 | 4 hours | 10 minutes |
| 500 | 8 hours (with eye protectionn) | 50 minutes |
| 1000 | | 2 hours |
| 1500 | | 4 hours |
| 2000 | | 8 hours (without eye protection) |

The distance where the maximum allowable UV light exposure time is 8 hours, which corresponds to the danger distance. At this distance and above, the exposure limit is used cannot be exceeded within an 8-hour period per day.

Using the UV flashlight for normal inspection of surfaces, it results in such a sufficiently low exposure that most individuals do not have to limit their use. But smaller children and people who are unusually photosensitive or exposed to photosensitizers should limit their use of the UV LED flashlight to a ten-minute period over the 8 hours – it refers to the time skin/ eyes are exposed to UV light.

1.2 Fire

Never work in areas where there is a danger or flammable atmosphere

1.3 Explosion

Never work in an area where there is a danger of an explosive atmosphere

1.4 Electricity

Electrical equipment is potentially hazardous and may cause death or damage if the precautions are not met sufficiently before operation or maintenance.

Never work – if there is visible damage to the appliance.

2. Mounting

The equipment is delivered ready for use. Make sure all packaging is removed and check for damage.

3. Use

The flashlight can be used on all types of surfaces. Avoid illuminating people or animals, and never in the eyes.

4. Maintenance

Maintenance consists of ordinary wiping and battery replacement. Use only INR 18650-30Q 3000mah.

5. Waste

This product must be disposed as electronic waste.

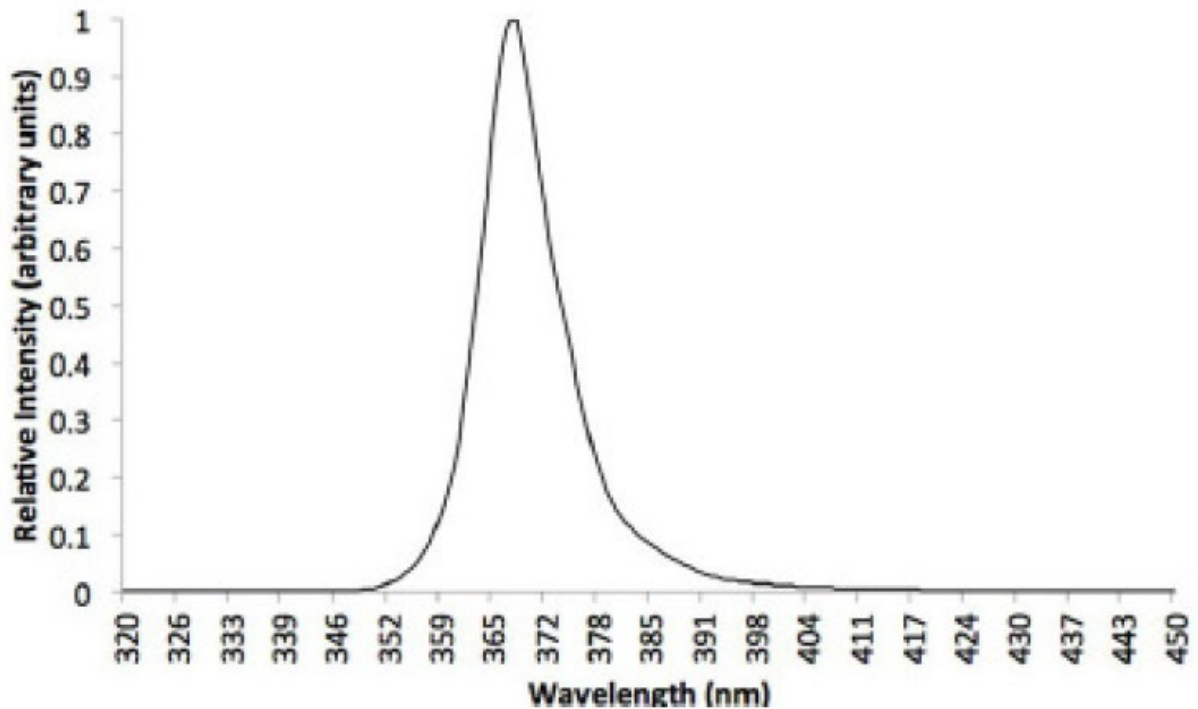
Contact your local waste management for further information.

6. Technical Data

Due to our ongoing development, we reserve the right to change or add technical data and therefore this information may be changed without notice.

| | |
|-----------------------------------|----------------------------|
| UV Led | 365 nm Led diodes total 3w |
| UV Led lifetime, estimated | 60.000 hours |
| UVA light wavelength | 360-370 nm |
| Housing | Lacquered aluminum |

UV-spectrum



7. Warranty

This UVA led flashlight is covered by our standard 1-year warranty from the time of delivery. The warranty does not cover natural wear and tear, or damage caused by improper or careless handling and use, non-compliance with supplier's regulations, high load, unsuitable equipment, and chemical, electrochemical or electrical influences not expressly stated in the instructions.

If the customer or third party, without the prior consent of the supplier, has made changes and repairs, the supplier's liability for the consequences is terminated.

The warranty period for repairs performed by the supplier is 3 months from delivery, 6 months for replacements. The warranty period is extended with the duration of the repair time.

Transport damages must be reported immediately after receipt and no later than 48 hours after receipt.



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