

# Product sheet puriZAP®/ March 2021

## Handheld device for disinfection using UV-C light

- Produced by LED iBond A/S



## Usage

Quick, handy and effective disinfection. Particularly suitable for items and surfaces that are not suitably disinfected with alcohol - either because it will take too long, because the item cannot tolerate moist or because the surface is too uneven to be effectively disinfected by ordinary means. This may be display items, keyboards, telephones, coffee machines, technical equipment, access control systems, control panels, printers, laboratory equipment and goods on display (retail).

## Features

- High intensity - effective virus and bacterial control
- Disinfects up to 99.97% of SARS CoV-2
- Slim and ergonomic design – can be used even where space is limited
- Long life – UV-C LEDs last 20,000+ hours
- LEDs can be turned on and off indefinitely without wear unlike UV-C tubes, which need to be replaced if turned on and off frequently
- Works immediately when turned on – no preheating required
- Ergonomic support knob can be purchased
- Delivered with necessary safety equipment and operating instructions
- User manual, battery manual and safety instructions are included for instructions on the correct use of puriZAP®

Manufactured in Denmark by LED iBond, based on patented and tested technology for high intensity, durability and long lifetime.



## **Data sheet for puriZAP® (March 2021)**

Battery powered ultra-compact, hand-held disinfection device using UV-C emitting LED lights.

- Weight: 1 kg excluding power supply
- Dimensions LxWxH: 578x59x61mm
- Test from SDU documents that exposure with puriZAP® for 1-5 seconds (distance 12-100 mm) deactivates 99.03-99.94% of SARS-CoV-2. After treatment for 10 seconds at 100mm no viable virions could be detected (i.e. >99.97%).
- Long-life LED light (20,000 hours lifetime)
- Infinite on/off cycles without loss of lifetime or effect (no maintenance costs)
- Instantly on, no preheating needed (no turn-on time loss)
- Finish: Extruded aluminium, black anodized. Handle and end cap in black plastic. Power cord and power supply in black
- Approx. 9mW / cm<sup>2</sup> (12 mm)
- Active cooling, noise level: 30 dB (A) (equivalent to soft whispering)
- Automatic turn-off at 50°C by thermal fuse to avoid overheating if accidentally left on
- Safety spring release
- Other labelling: Warning label saying “Warning for hazardous UVC light” clearly visible
- Power spiral cord length (power supply to device): 1.2 meter fully extracted; 0.5 meter contracted
- One battery, booster and charger for 230 V connection included. Lifespan up to 500 charges
- Packaging: Card box designed for the product, including necessary transportation protection. One unit per package
- User manual, battery manual & safety instructions and QR code for safety video are included
- Protective equipment: Visor and gloves included
- Carry equipment: Black belt bag for battery and booster
- Extra equipment: puriZAP® ergonomic knob

\*) 99.9% (3 log reduction) is considered as total disinfection. Updated kill effects for COVID-19 and others are updated on [www.purizap.com](http://www.purizap.com) as new scientific results are published on new viruses.