



ShareLight Co. Ltd.

Founded in 2016, ShareLight Co., Ltd. has been developing creative products for the people of remote and disaster areas with appropriate technology. ShareLight has been actively cooperated with KOICA (Korea International Cooperation Agency), KEC(Korea Energy Agency), and K-Water.

For safe drinking water
PuriLight™

Worlds' First Hand cranked
UVC-LED water sterilizer



Why PuriLight™?

PuriLight™ – Hand cranked portable UVC-LED water sterilizer is to sterilize bacteria and viruses of contaminated water. It is also designed to generate electricity by manual for the people in the remote village where electricity is not supplied.

Certification and Patents

- CE Marks was successfully completed at STD-CE-18160
- Korea Conformity Laboratories(KCL) tested and certified disinfection rate of sterilization
- Applied number of US and KR Patents



How does UVC-LED sterilize?

UVC-LED emits a short ultraviolet light(UV-C) in the 270nm band. This UVC light effectively destroys the DNA of viruses, bacteria and prevents them from multiplying. There is no side effect and safe sterilizing power can be obtained by UVC-LED light.



1 Remove the water container from the main body.



2 Pour the water below the 2 liter line.
※ Caution: It is recommended to use transparent water with naked eye.



3 Turn the handle a little faster.
※ Note: If the LED timer blinks, increase the rotation speed.



4 When the timer(2 minutes) is complete and blue light is off, then, remove the water container and drink water.

Lighting Mode

- PuriLight™ can be switched to lighting mode when the water container is completely or slightly removed from the main body
- Manual power generation is recommended to use for emergency lighting
- External power (5V USB power) option also offered



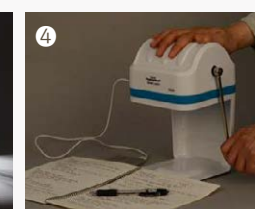
1 The light is on when the water container is separated by 1cm or more



2 Also, you may separate the container completely.



3 You can use for indoor lighting and reading.



4 You can adjust the on / off of the light by turning the rotary knob slightly.

Sterilization Mode

- Sterilize more than 99.99% of bacteria and viruses in the 2- Litre of contaminated water within 2-minutes
- PuriLight™ can sterilize not only contaminated water but also personal hygiene products, only the area exposed to the light is sterilized



If power is available, connect 5V USB power.



Five LEDs are turned on sequentially



Personal hygiene products can be sterilized including water.



※ Caution: Only the part exposed to the light is sterilized. It is recommended to sterilize both the front and back sides of the personal hygiene products.



Specification

- 1 Model : SLUV-01
- 2 Size(mm): 177x172x253H
- 3 Input power: DC 5V ((USB micro 5pin)
- 4 Water container material: PC
- 5 Body material: PC, ABS
- 6 Weight: 1.6kg
- 7 Power consumption(W): sterilization mode, 4W/ lighting mode, 2W

