

A young girl with blonde hair, wearing a white dress, is pouring water from a glass pitcher into a glass. The background is a plain, light-colored wall. The image is used as a background for the product advertisement.

PHILIPS

NaturalTrust
UVC LED Module

Philips NaturalTrust **UVC LED** Module

Philips NaturalTrust UVC LED Module for **clean water**

Philips is working on NaturalTrust solutions based on UVC LED technology

The first NaturalTrust solution will be a module which is designed to fit in a water reservoir. It emits UVC radiation which deactivates bacteria, viruses and other micro-organisms to prevent them from growing. The module disinfects water and the reservoir walls. It also reduces the presence of unpleasant odors and germs accumulating in your device, therefore requiring less maintenance. Because of its small size, it fits appliances where conventional mercury discharge lamps cannot be integrated, such as refrigerators, coffee machines, air humidifiers, ice makers etc.

Successful operation of the UVC LED module has been proven by monitoring microbiological test setups in real environments for several months of continuous operation. This resulted in a 99% reduction of bacteria without the need for cleaning the device.

Features	Benefits
Reduces microbiological contamination by 99%	Clean water
Silicone snap fit housing	Plug & play and compact sealed-to-water solution for reservoirs
On board electronics	Output independent from input voltage
Low power	Minimal energy consumption
Contains no mercury	Environmentally friendly
Instant on	Instant disinfection

Note: technical datasheet available on request.



UVC LED Module snap version