

Unique – for you!

The Philips YourSource UV module is customized to your equipment. As a result, it provides a seamless fit, both in terms of ergonomics and functionality. Moreover, as the module is unique for your equipment, it helps you to secure future replacement demand.

Optimized design and performance

By integrating the lamp, driver and sleeve we can ensure the maximum compatibility between the different components. This protects the delicate balance and interaction between these components, optimizing the performance and efficiency of the UV system.

Thanks to the expertise in UV technology that we have carefully built up over the last decades, we are able to take the complex requirements of your application into account when designing your module:

- Water characteristics have an important effect on the performance of your UV system. We'll consider factors such as UV transmittance, water flow and temperature in the selection of the appropriate UV module.
- The UV efficiency of the lamp is largely dependent on the bulb and lamp surface temperatures. We are able to adapt the diameter of the protective quartz sleeve to the specific power of the lamp (Watts per unit of arc length) as well as the temperature and velocity of water flow.
- We can also advise on the optimal design of your reactor to ensure that all micro-organisms receive sufficient exposure to UV.

Close partnership

Choose Philips as your partner and you can trust us to take responsibility for the complete UV system performance and reliability. Not only can we promise you maximum efficiency, you can also avoid any problems on lamp compatibility failures. Just another way we can make your life easier.

Tried and tested – with the help of Philips

To satisfy industry requirements, Philips will also take care of the certification of the complete module. That means you will receive a fully-certified module that's ready to be designed into your equipment, speeding up the design process and allowing you to benefit from a shorter time to market. Philips YourSource is uniquely designed for and with you! To find out more about how you can get clean water your way, visit www.philips.com/uvpurification



© 2014 Koninklijke Philips N.V. All rights reserved. Philips reserves the right to make changes in specifications and/or to discontinue any product at any time without notice or obligation and will not be liable for any consequences resulting from the use of this publication.

3222 635 68602 * NOVEMBER 2014
www.philips.com/uvpurification

PHILIPS

Special lighting

YourSource



Clear water, your way

Integrated UV module for water disinfection,
custom made for your equipment

What can Philips YourSource do **for you?**

Algae can upset the natural balance in ponds, spoiling its visual appeal and spreading harmful diseases to the fish. Therefore it's vital that the UV lamp and driver in your equipment offers the right performance.



Philips YourSource is the first integrated and customized UV lamp and driver system that perfectly meets the specific requirements of your purification equipment. So you can achieve a unique and seamless fit that will ensure clear and clean pond water.

What's inside the integrated UV module?

The innovative Philips YourSource UV module is based on low pressure lamp technology for drinking water disinfection:

- PL-S lamp
- Electronic driver
- Optional quartz sleeve
- Safety switch to protect against unintended exposure to UVC
- 120V, 230V, 24V DC Power
- Water sealing with custom mechanical interface
- Connector or cable-out