



# ECORAY® Lamps

CUT ENERGY CONSUMPTION BY UP TO 25%

- Increased energy efficiency
- Extended warranty
- DuraCoat for improved aging
- Stronger and more robust
- In-house manufacturing



.....  
14,000 HOUR  
WARRANTY  
EXTENSION  
.....

**WEDECO**  
a xylem brand

## Optimized for normal flow rates

Most of the time, UV lamps operate in dimmed mode. That's why we have optimized ECORAY lamps for average flow rates.

## 14,000 hours lifetime warranty extension

Long and trouble-free performance - ECORAY lamps come with a 14,000 hours operating warranty when used together with ECORAY ballasts, plus 9,000 hours full replacement.

## Better aging performance

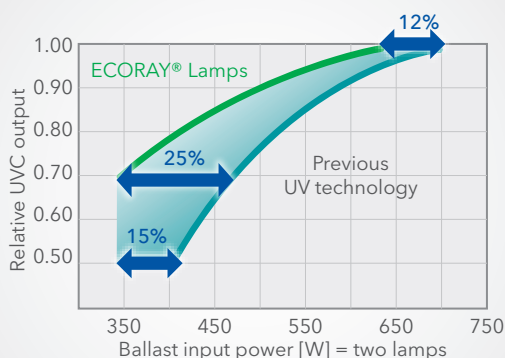
Our newly developed coating material, DuraCoat, slows the rate of aging compared to previous generation lamps (third-party validated).

## Stronger and more robust

To optimize the mechanical strength of the lamps, we have enhanced their physical dimensions. This does not, of course, affect ease of installation. The new design also ensures better temperature properties including shorter warm-up time, better stability and robustness.

## Designed and manufactured in Germany

Backed up by over 30 years' in-house R&D, our production team hand-assemble 80,000 lamps per year at our factory in Essen, Germany.



### Cut energy costs

ECORAY lamps alone reduce energy consumption by up to 25%, but together with ECORAY ballasts, you can save even more<sup>1,2</sup>. For customers who use both ECORAY lamps and ballasts, we provide a 14,000 hour warranty for all ECORAY lamps, plus 9,000 hours full replacement. The improvement in aging performance is partly due to the new coating material DuraCoat. By retaining both development and production in-house, we are able to guarantee the best in terms of quality and performance.

## LIFETIME PERFORMANCE GUARANTEE

An increasing number of certification bodies - including NWRI and the EPA's UVDGM - demand the use of original components in water disinfection systems to achieve compliance. Xylem guarantees that your system will meet the specified disinfection targets for its complete lifetime on the condition that

Genuine WEDECO Parts are always used. However, we cannot guarantee disinfection targets or warranties if non-original parts are used.

ECORAY lamps are individually tested according to ISO 9001. Production and logistics are certified to ISO 14001.

1 Comparison of ECORAY ELR30 with SLR32143 4p HP (Spekthrotherm). Variations are possible in the future in the case of replacement articles.

2 Depending on lamp type, ballast used and the operational mode of the UV system.

All information is supplied without liability.



### Independent 14,000 hrs UV lamp tests attendance

Publicly appointed and attested by the Chamber of Industry and Commerce of Karlsruhe, Germany, as an authorized inspector for UV radiation technology.