



Wedeco Ecoray®

GREENER. MORE EFFICIENT. SIMPLY BETTER.

WEDECO
a xylem brand

Green ultraviolet technology

Each of us can play our part in creating a better environment by consciously choosing energy efficient products that make prudent use of resources. Our contribution is called Wedeco Ecoray®.

Ecoray is Wedeco's latest generation of high-performance, low-pressure UV lamps and the associated electronic ballast cards: more efficient, longer-lasting, more stable and more sustainable than any previous Wedeco UV technology.

Wedeco Ecoray UV lamps and ballast cards are the new centerpiece of many Wedeco UV systems and are the perfect replacement parts for many installations throughout the world with excellent operability and a promise of quality.

Innovative gas-amalgam mix

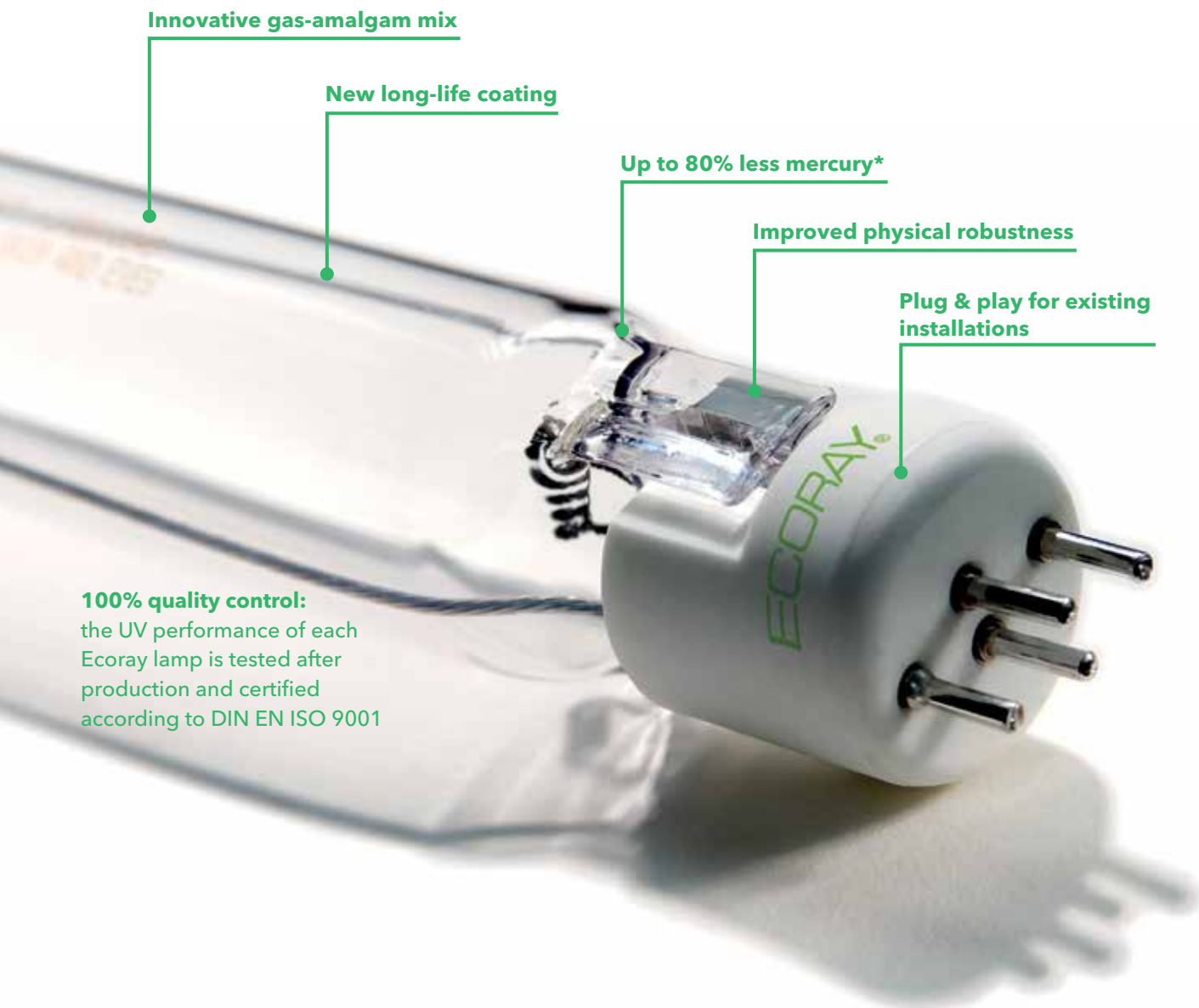
New long-life coating

Up to 80% less mercury*

Improved physical robustness

Plug & play for existing installations

100% quality control:
the UV performance of each Ecoray lamp is tested after production and certified according to DIN EN ISO 9001





The Ecoray ballast's operating frequency is fine-tuned to the specific requirements of the Ecoray UV lamp's characteristics.

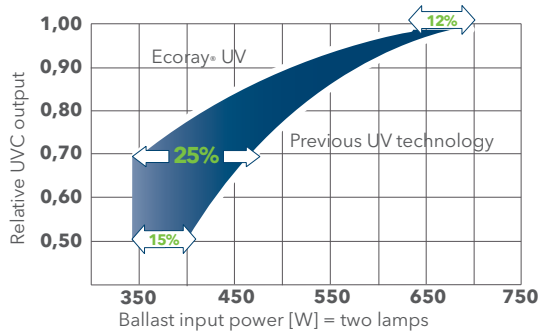


Greener.

From our choice of materials to production to the operation of the lamps, we have engineered every aspect to be the most environmentally sensible Wedeco UV lamp ever produced.

- » Ecoray UV lamps contain up to 80% less mercury*
- » Production and logistics meet the highest environmental standards, certified according to DIN EN ISO 14001
- » Up to 500 kg CO₂ savings for each UV lamp* ^{1,2}

How you benefit: a sustainable solution to our environment



More efficient.

UV lamps are operated in dimmed mode for the greater part of their entire service life, which means far less than 100% power consumption. We have optimized the Ecoray UV lamps and ballast cards in accordance with this typical mode of operation.

- » Lower power consumption with the same UVC output*
- » Higher UVC output in dimmed mode*
- » Longer, more flexible operation possible in dimmed mode

How you benefit: up to 20% energy savings on average* ²



Simply better.

Wedeco Ecoray represents significant advances in UV lamp and ballast card technology from a world leader in advanced disinfection. Long-term tests under real conditions in water and wastewater treatment plants throughout the world confirm the robust properties of these new offerings.

- » Improved aging properties, third-party validated
- » Longer operating times
- » Improved robustness to prevent failures or breakages

How you benefit: long-lasting, trouble-free operation

* Comparison of Ecoray ELR30 with SLR32143 4p HP (Spektrotherm). Variations are possible in the case of other successor articles.

¹ Measured on the basis of the entire energy consumption of the guaranteed lamp lifetime.

Based on average emission figures for electricity generation in the USA. Source: www.carbonfund.org

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

How you drive your equipment is what gets you ahead.

Wedeco Ecoray UV lamps and ballast cards are suitable as replacement parts for many installed Wedeco UV systems. Furthermore, the superior operating properties of the Ecoray products enable new approaches to control philosophy.

Using the data generated by an operational UV system, Wedeco specialists are able to advise on efficiency improvements to the UV system control leading to further cost savings. These inspection audits are performed as part of Xylem's unique TotalCare service offering.

Overall up to 20% of total operating costs can be saved through the combined use of Wedeco Ecoray UV lamps and ballast cards and our unique range of services.



Your TotalCare checklist

- Ask your Wedeco sales partner for the Ecoray products suitable for your system
- Change over to Ecoray the next time you replace UV lamps
- Simply replace faulty ballast cards with Ecoray ballast
- Have Wedeco technicians adjust the controllers of your UV system to the new performance parameters of Ecoray products

How you benefit: trouble-free operation and up to 20% savings in total operating costs

Xylem [ˈzīləm]

- 1) The tissue in plants that brings water upward from the roots
- 2) A leading global water technology company

We're 12,000 people unified in a common purpose: creating innovative solutions to meet our world's water needs. Developing new technologies that will improve the way water is used, conserved, and re-used in the future is central to our work. We move, treat, analyze, and return water to the environment, and we help people use water efficiently, in their homes, buildings, factories and farms. In more than 150 countries, we have strong, longstanding relationships with customers who know us for our powerful combination of leading product brands and applications expertise, backed by a legacy of innovation.

For more information on how Xylem can help you, go to xylem.com.



WEDECO®



godwin®



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