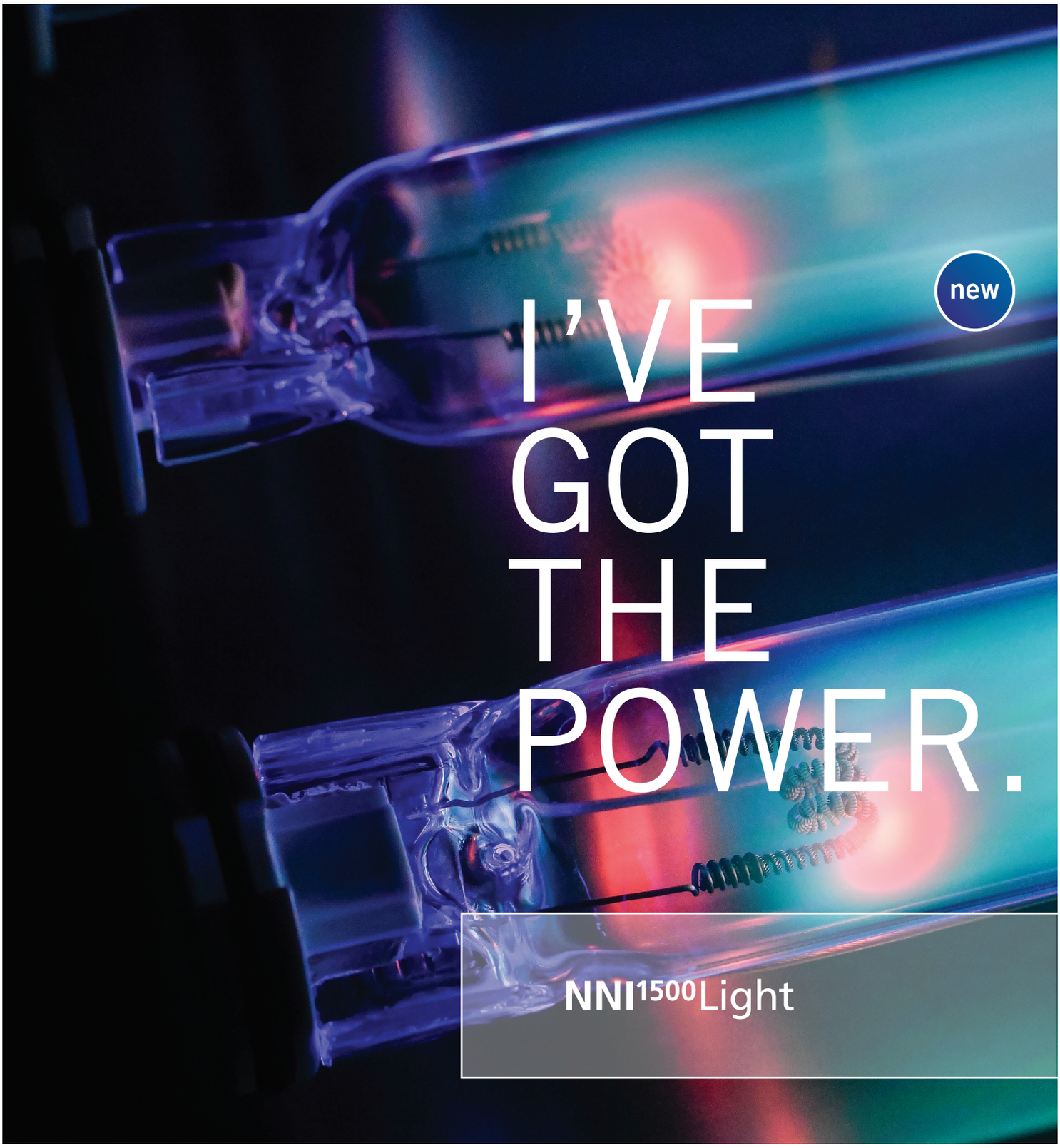


NobleLight

EXCELITAS
TECHNOLOGIES®

The New High Power: NNI[1500]Light
Best purification for clean water.

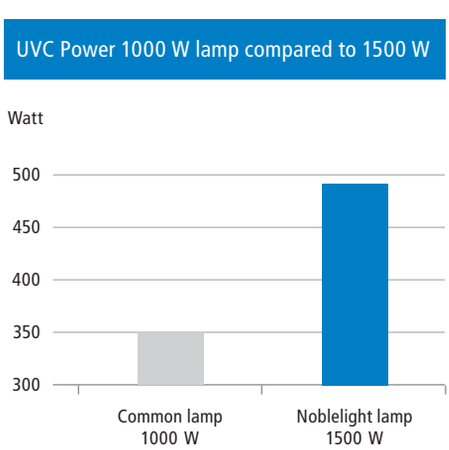
The **NNI**[1500]Light is the lamp for the next generation with significantly more UVC output and lower maintenance costs. Lower downtime and head losses ensures excellent overall treatment efficiency. All of this results in the lowest total cost of ownership for water treatment users. The result: Cleaner drinking, waste and industrial water, in agriculture, aquaculture, or the food and beverage production.

Highest Power and UVC Output.

Power beyond limits: With 1500 W, the **NNI**[1500]Light significantly outperforms to 1000 W lamps.

With major impact: Owing to more powerful UVC disinfection, the use of **NNI**[1500]Light enables higher flow rates and is thus the best choice for your plant – no matter if newly-planned or as part of upgrading existing treatment facilities.

Moreover, in a given area or reactor, the **NNI**-[1500]Light reduces the number of lamps needed, due to its unmatched power density. It's the perfect lamp solution for large-scale installations.



Lower Downtime and Maintenance Costs.

The **NNI**[1500]Light is a highly cost-effective way to clean water. It's reliability saves money through fewer lamp replacements and lower maintenance costs as well as fewer additional components such as sleeves or power supplies.

The result is the lowest total cost of ownership, compared to all other low pressure lamps. In addition, the innovative lamp is environmentally friendly thanks to its sustainable production process.

Customized Solutions.

As technology leader and proven experts, we are committed to finding the best solution for each individual environment. Together, we look at your challenges and tasks, consult with you using our detailed know-how and long-term experience and develop new superior products to satisfy your customers.

Please contact us for your individual configuration!

The Best Way to Purify Water.

The **NNI**[1500]Light unites innovation with all the proven advantages of Noblelight OoA amalgam lamps. As an effective solution for water disinfection, they provide an excellent economic and ecological choice due to their maximum lifetime and optimized energy consumption. The lamp temperature stability over a wide water temperature range – while dimming as well – makes your disinfection system highly efficient.

Furthermore, **NNI**Light can be used not only as a UVC-lamps for disinfection or AOP applications. As an ozone generating version our lamps produce Ozone to destroy chemical pollutions in air or generate OH-radicals in water in TOC-applications.

Therefore, the NNI[1500]Light fits perfectly for:

- Drinking, waste and surface water treatment
- Advanced oxidation processes
- Aquaculture
- Agriculture
- Process/industrial water (food/beverage, dichlorination)
- Air treatment

Your NNI[1500]Light Advantages:

- Significantly more output
- Lowest head loss
- Lowest maintenance costs
- Best purification for clean water
- Lowest total cost of ownership
- Customized solutions
- Sustainable (reduction of manufacturing material)

NNI[1500]Light* Technical data

Lamp Power	1500 W
Operating Position	horizontal to vertical
Tube Temperature	max. 150°C
Tube Diameter	38 mm
Arc Length	2000 mm
Radiation Flux at 254nm	470 W
Available as	ozone generating/ozone free
Customizing Options	lamp bases, connectors

*on request

A True Partner.

We strive to make you successful: We packed the most advanced technology into our lamps. With the robust design and reliable quality, we ensure that your customers are satisfied. Based on our many years of experience in water treatment applications and technologies, Excelitas Noblelight is one of the most innovative companies in the market and can look back on a long history – from the development of one of the first Mercury quartz glass lamps in 1904 to the development of the **NNI**[1500]Light, our 1500 W low pressure UVC lamp.

Excelitas Noblelight: Developing new disinfection solutions by using a powerful, flexible technology and an advanced market knowledge.

Bundle solutions with additional components like sleeves and power supplies are available: Please ask your Noblelight Expert.

With NNI Light **against Dangerous Substances:**

Advanced Oxidation Processes (AOP)
Powerful UVC-lamps of **NNI**Light-series can be used in AOP-technologies to improve the system efficiency.

Total Organic Carbon Removal (TOC)
NNILight is also available in an ozone generating version that can purify water from organic substances in TOC-applications.

About Excelitas Technologies

Excelitas is a leading provider of advanced, life-enriching technologies that make a difference, serving global market leaders in the life sciences, advanced industrial, next-generation semiconductor, aerospace and defense end markets. Headquartered in Pittsburgh, PA, USA, Excelitas is an essential partner in the design, development and manufacture of photonic technologies, offering leading-edge innovation in sensing, detection, imaging, optics, and specialty illumination for customers worldwide. Excelitas is at the forefront of addressing many of the relevant megatrends impacting the world today, including precision medicine, industrial automation, artificial intelligence, connected devices (IoT) and military modernization.

Contact us here:

Phone +49 (6023) 405-9600
hng-uv@excelitas.com

Visit our website:
www.noblelight.com

EXCELITAS TECHNOLOGIES®

www.excelitas.com

For a complete listing of our global offices, visit www.excelitas.com/Locations

Inhouse XNG UVP185 02/25

Stay Connected