



## Excelitas Technologies Introduces Highly Compact, nPAX-N2 2W Pulsed Xenon Light Module

*The Streamlined Design Enables Easier Point-of-Care and Field Analysis*



**WALTHAM, Mass., September 30, 2021** – [Excelitas Technologies® Corp.](#), a leading industrial technology manufacturer focused on delivering innovative, market-driven photonic solutions, today introduced its [nPAX-N2 2W pulsed xenon light module](#). A companion product to Excelitas'  $\mu$ PAX-2 series, the nPAX-N2 contains a flashlamp, trigger circuit and power supply in a small cylindrical format, ideal for point-of-care analytics and environmental analysis.

The nPAX-N2 is very compact, with the smallest diameter of any enclosed, 2W pulsed xenon light source on the market. The fully enclosed light source can be safely and easily used in mobile field applications, such as water quality monitoring and point-of-care medical analytics. It is half the size of Excelitas' 2 Watt  $\mu$ PAX-2 pulsed xenon light source, with the same state-of-the-art circuitry and components providing microsecond-duration pulses of broadband light and exceptional arc stability.

The nPAX-N2 module's high stability performance (<1.0% CV) ensures consistent illumination from one use to the next, enabling highly accurate analytics. Its long lifetime delivers  $\geq 1 \times 10^9$  flashes before output is reduced below 50% of initial capacity, minimizing replacement needs. Flexible flying leads and precision arc alignment enable streamlined integration.

"Excelitas' new nPAX-N2 brings high-stability pulsed xenon lighting into smaller instruments for field use," said Mark Gaston, Product Manager at Excelitas. "Its compact form factor and enclosed design enables streamlined integration and improved durability without compromising safety. The nPAX-N2 is a great addition to our portfolio of illumination products, designed to meet customers' needs for faster, more mobile analytics."

Additional information about the nPAX-N2 2W pulsed xenon light module is available at <https://www.excelitas.com/product/npax-n2-2w-pulsed-xenon-light-source>.

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### About Excelitas Technologies

Excelitas Technologies® Corp. is a leading industrial technology manufacturer focused on delivering innovative, market-driven photonic solutions to meet the illumination, optical, optronic, imaging, sensing and detection needs of our OEM and end-user customers. Serving a vast array of applications across biomedical, scientific, semiconductor, industrial manufacturing, safety & security, consumer products, defense and aerospace sectors, Excelitas stands committed to enabling our customers' success in their many various end-markets. Our team



consists of more than 7,000 professionals working across North America, Europe and Asia, to serve customers worldwide.

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