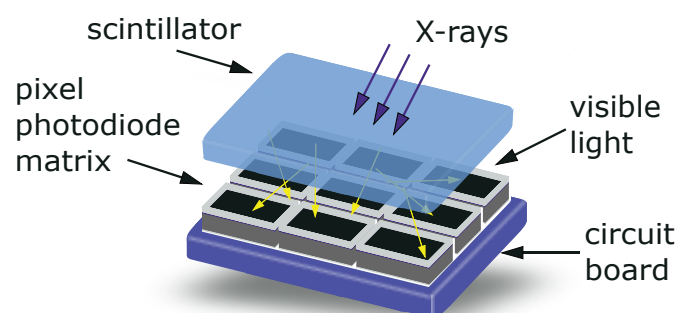


LEADING PERFORMANCE OF LIGHT SENSING WITH NEW PHOTODIODE TECHNOLOGY

Where innovation meets the challenging demand

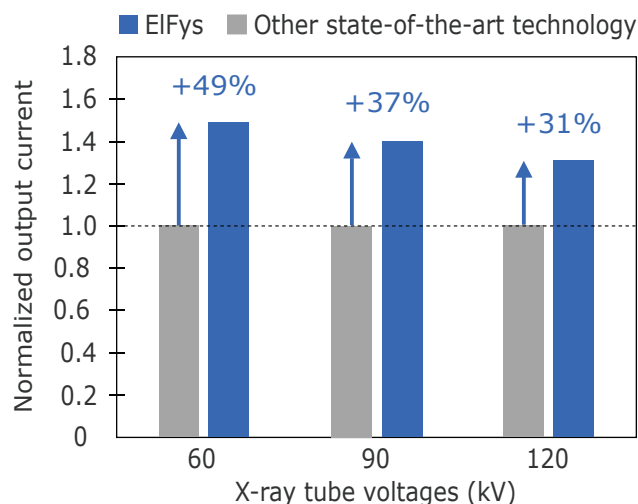
ELFys provides innovative photodetector technology with sensitivity better than anything seen so far. We design, develop and manufacture better photodiodes to help our customers achieve competitive edge with new solutions in a wide range of light sensing applications:

- ▶ Safety & security sensing and imaging
- ▶ Medical imaging
- ▶ Analytical instruments
- ▶ Health monitoring
- ▶ Radiation detection



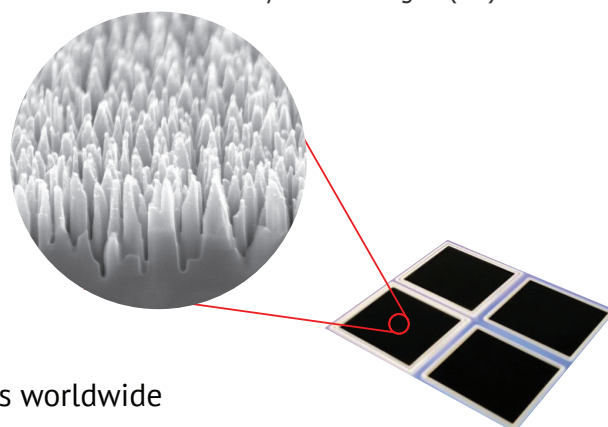
Key benefits to your applications

- ▶ Superior photodiode response gives an increase in the output photocurrent by > 30 % compared to other state-of-the-art technology
- ▶ Ultra wide sensing angle (> 95% absorbance at 60°) gives extremely low optical cross-talk between components
- ▶ Customized design with optimal electro-optical properties enables a wide selection scintillator materials for best performance
- ▶ ESA TRL 5 ready, critical performance verified in relevant environment



Core technology: Black Silicon Induced Junction

- ▶ Nano-engineered surface structure
- ▶ Defect-free induced junction
- ▶ Advanced ALD coating technique



Patents

Our photodiode technology is protected by our patent families worldwide

