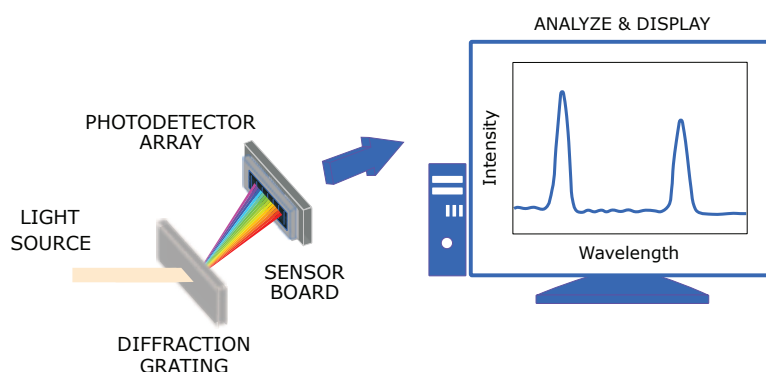


# LEADING PERFORMANCE OF LIGHT SENSING WITH NEW PHOTODIODE TECHNOLOGY

Where innovation meets the challenging demand

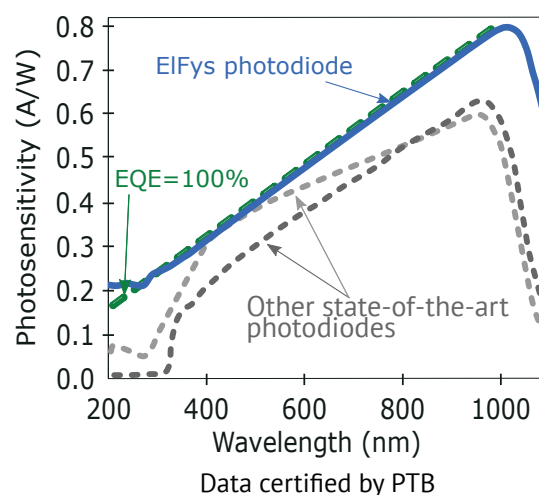
ELFys provides innovative photodetector technology with sensitivity better than anything seen so far. We design, develop and manufacture better photodiodes to help our customers achieve competitive edge with new solutions in a wide range of light sensing applications:

- ▶ Analytical instruments
- ▶ Health monitoring
- ▶ Safety & security sensing and imaging
- ▶ Medical x-ray imaging
- ▶ Industrial & environmental sensing



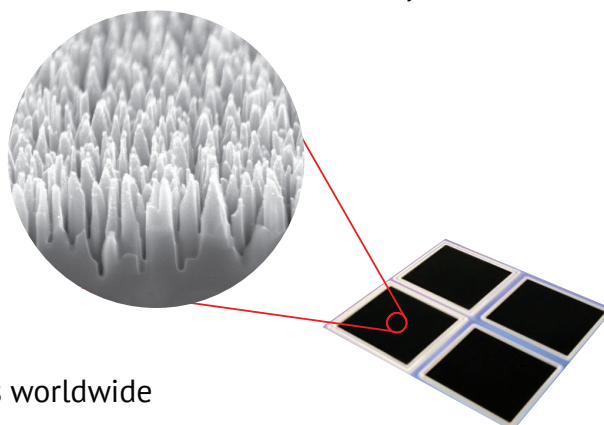
## Key benefits to your applications

- ▶ High responsivity (> 96% EQE) over entire optical spectrum range (200 nm to 1050 nm)
- ▶ Ultra wide sensing angle with extremely high absorbance (> 95% @ 60°)
- ▶ Superior responsivity in ultraviolet wavelength range (no signal losses in the photodetector surface layer)
- ▶ Customized design with optimal electrical properties
- ▶ 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