

Photodiode and LED Technologies: Enabling Innovation Across Industries

For over 30 years, Opto Diode Corporation has been a trusted partner in many industries, including medical, military and aerospace, instrumentation, etc., with major titans of industry relying on our technologies to meet their precise needs. As a leading global manufacturer of high-performance optoelectronic components, Opto Diode Corporation is dedicated to delivering innovative solutions and exceptional customer support that consistently exceed expectations. Our applications range from high reliability LEDs to high performance detection across the entire spectrum including spectroscopy, position sensing, color measurements, wearable technologies, inspection and metrology. Our world class photodetector diodes exhibit high breakdown voltages and low capacitance for high speed response times, industry leading radiation tolerance, and customer trusted reliability in demanding environments.

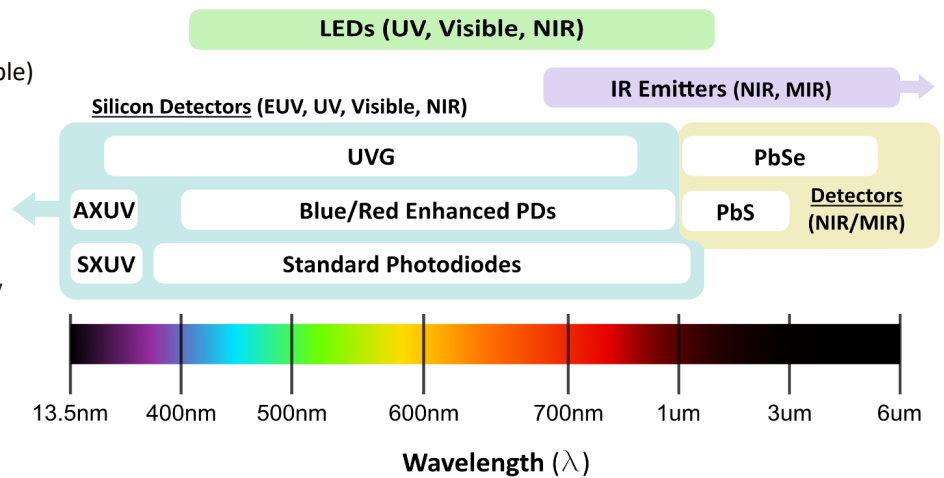
Enhanced Performance

- High speed/Wide bandwidth
- Fast Response Times
- Small and Large Active Areas (Customization Available)
- Low Noise
- High Responsivity Over a Wide Spectral Range
- Quick Prototype Turnaround

Resilience in Demanding Environments

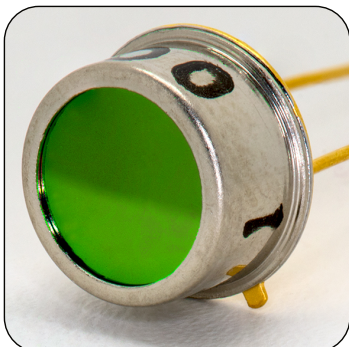
- Industry-Leading Radiation Tolerance and Reliability
- Compact and Robust Packaging
- Durability and Ruggedness
- MIL-STD 19500 Qualification
- MIL-STD 883 and 750 Compliance
- Large Operational Temperature Range

ODC Product Series vs. Wavelength

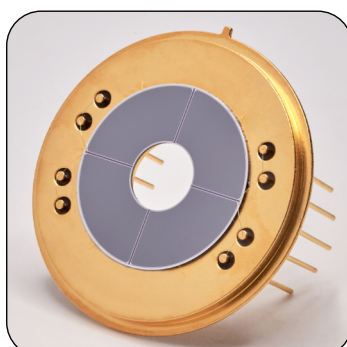


Standard and Custom Devices

Optodiode delivers tailored solutions with exceptional performance and reliability to meet unique customer needs. Our extensive portfolio of photodiodes, LEDs, IR detectors, Avalanche Photodiodes (APDs), and laser diodes offers exceptional performance and reliability for demanding applications. **Contact our sales team today to discover how our endless solutions can solve your unique problems and drive your project's success!**



MIR Filtered Photodiode for
Narrow Sensing Range



X-Ray and Electron Quadrant
Back Scatter Detector

Typical Applications

- Medical Breath, Blood, Bacteria, & Virus Analysis
- Photon, Electron, X-Ray, UV, & Radiation Detection
- Night Vision, Heads Up Displays
- Environmental Analysis & Control
- Factory Automation, Robotics, Motion, Motor Encoders
- Fire, Flame, Gas, Smoke Detection & Suppression
- Laser Control & Monitoring Systems
- DUV & EUV Light Monitoring

