



Accelerate your innovation in compound semiconductor devices



Cedova Photonics pure play foundry is part of the extensive range of services you can access at MiPlaza on the High-Tech Campus Eindhoven.

From device technologies and systems creation, to materials analysis, test and measurement, discover the possibilities yourself at www.miplaza.com.

In today's optoelectronics industry, turning your ideas into world class products is more challenging than ever before. Choosing the right partner for your outsourcing needs is often key to success. That's where MiPlaza (Microsystems Plaza) can assist you. Incorporating Cedova Photonics' expertise in III-V compound semiconductors, MiPlaza helps you bring your new optoelectronic products to market quickly, without you needing to invest in your own wafer fabrication facility. In a world of increasing technological complexity, MiPlaza provides fast and cost-effective access to the advanced technology and know-how to help you accelerate your pace of innovation.

Why choose MiPlaza ?

- Incorporates Cedova Photonics expertise in III-V semiconductors
- Easy access to cutting-edge expertise and high tech infrastructure
- Asset-rich with latest equipment, saving you investment in high-cost apparatus
- Fast, efficient and cost-effective, accelerating your time to market

Advanced III-V semiconductor compound services

- Pure play foundry focused on processing expertise, no overlap with customers
- Growth & processing of III-V compounds with wavelength 650 nm to 2000 nm
- Complimentary services in device packaging, testing & on wafer device characterization

MiPlaza



PHILIPS

Helping you turn concepts into reality



Access to leading edge research services

Drawing on decades of experience within the renowned Philips Research organization, our services range from thin film processing and systems-in package, to hardware/software prototyping, right through to test, measurement and materials analysis for evaluating the performance of your design. MiPlaza's expertise can help you across your innovation process, from ideation, to technical feasibility, through to transfer to manufacture. We provide low threshold access to our experts and scientists, helping you tackle the technological challenges of today and tomorrow.

Photonics capabilities: the full cycle

Offering pure play foundry services with depth of experience and proven industrial track record, our specialty is the growth, re-growth and processing of InP/GaAs based III-V semiconductor compounds, covering all possibilities in the 650 - 2000 nm wavelength region. Quality is inherent in our

way of working. We are ISO 9001 qualified and recognize the importance of process control requirements and continuous test and measurement, to ensure that each stage meets required standards before moving to the next. We offer both complete process flows, including epitaxial re-growth, and individual processing steps dependent on your requirements.

For many applications, you want access to complementary skills, ideally all in one location. MiPlaza gives you exactly that. For VCSEL's or PDs we offer on-wafer testing, supported by our state-of-the-art Electronic Measurement Laboratory, with high-frequency measurement addressing device characterization, wafer-level reliability, e-test, device modeling, and yield enhancement.

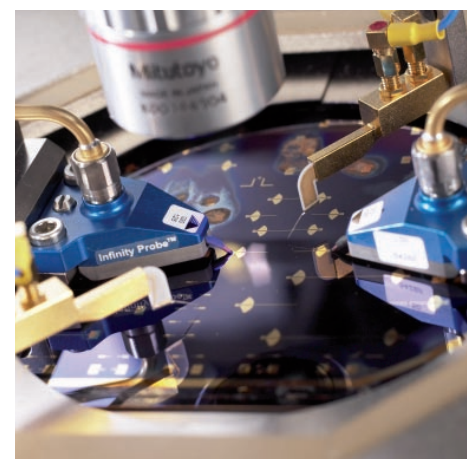
Furthermore you can draw on the full range of semiconductor analysis services at MiPlaza's Materials Analysis laboratory.

Meeting the solar challenge

MiPlaza's versatility is nowhere more evident than in the area of photovoltaic solar cells, where our expertise ranges from thin-film process development, epitaxial growth, device realization and encapsulation, to failure detection and reliability testing and thin-film analysis. Draw on our competencies in crystalline silicon, thin film silicon, organic cells and compound semiconductors – we can deliver specific solutions of different types.

High Tech Campus Eindhoven

MiPlaza (Microsystems Plaza) stimulates new business growth, enabling companies, start-ups and research institutes to realize their full innovation potential. As a reliable and stable partner of high integrity, MiPlaza respects customer confidentiality at all times. We serve numerous customers inside and outside Philips, from multinationals to small/medium size enterprises to collaborative knowledge institutes.



MiPlaza, world-class expertise working for you



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