



Accelerate your innovation in solar energy

Finding the right answer to your innovation challenge often requires access to state-of-the-art expertise and infrastructure. And that's where MiPlaza (Microsystems Plaza) can assist you, providing access to state-of-the-art facilities and process know-how to help you to turn your ideas into reality. 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.



Solar energy is one of the application areas addressed by MiPlaza's services accessible at 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.

Why choose MiPlaza ?

- Easy access to cutting-edge expertise and high tech infrastructure
- Asset-rich with the latest equipment, saving you investment in high-cost apparatus
- Flexible: use our facilities yourself, or have MiPlaza carry out the work for you
- Fast, efficient and cost-effective, accelerating your time to market

Extensive photovoltaic solar expertise

- Thin-film process development, device realization, device encapsulation, failure detection and reliability testing, permeability testing, materials and thin-film analysis.
- Competencies in crystalline and thin film silicon cells, organic cells and compound semiconductors.

* MiPlaza Reliability Centre
Acknowledgement Solland Solar Cells BV

MiPlaza



PHILIPS

Helping you turn concepts into reality



you with you for you	MiPlaza flexibility	
	Expertise research support & expert consultancy	Co-develop new products & technologies
	Prototyping products & product services	Manufacture new modules & products
	Facilities open access labs & instrumentation	Use labs, equipment & technologies

Versatility and Flexibility

You can use our services in different ways - simply choose which address your needs best. Come right into our clean room facilities to perform your own research and development work. Commission us to optimize a process module or make a prototype to your design. Or use our consultancy support to think with you in your innovation process.

Access to leading edge research services

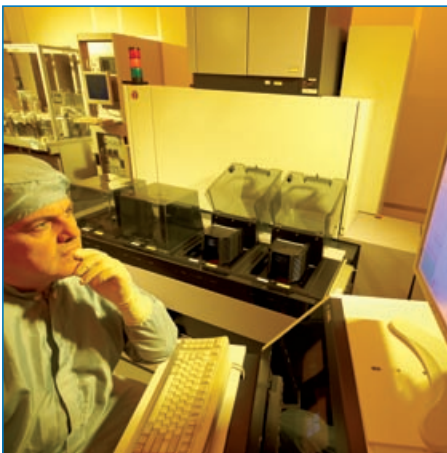
Drawing on decades of experience within the renowned Philips Research organization, our services range from thin film processing and systems-in package, to hardware/software prototyping, right through to test, measurement and materials analysis for evaluating the performance of your design. MiPlaza's 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.

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. Test the barrier layers in encapsulated cells via our unique permeability testing technique. Inspect your solar module junctions by our X-ray analysis service. And 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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