



Lens Design Analysis

The science of precision.

Unlocking the Power of Precision

At Opticare, we recognise the individuality of each patient and their unique needs. That is why we believe in crafting lenses that are tailor-made to match a wide range of specific vision requirements, no matter how distinct and difficult to achieve they may be.

It is through our **Lens Design Analysis** that we map your progressive lenses in at least 400 points to ensure you understand the lens design that your patients will experience. You will have the knowledge to allow you to make professional decisions.

What We Analyse

- » Map Distance, Intermediate, and Near Zones
- » Determine Maximum Cylinder
- » Determine Power Map
- » Evaluate if your lens is a hard or soft design
- » Contour Lines



Lens Design Analysis

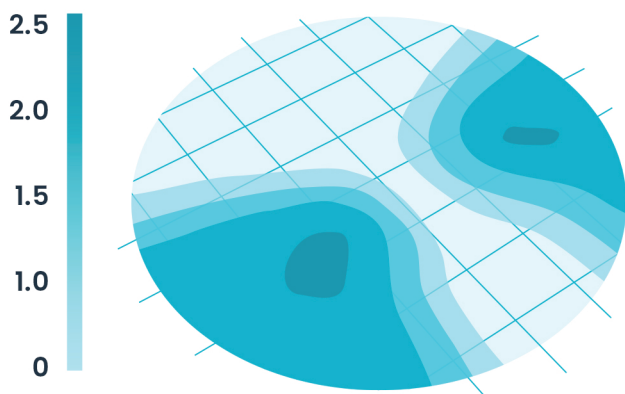
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Immediate Error Map Calculation

Our process begins with immediate and accurate error map calculation based on reference marks. This step sets the foundation for our in-depth analysis and lens optimisation.

Cylinder Map



Why Opticare?

Opticare is a 100% Australian-owned and operated organisation, dedicated to supporting independent optical practices throughout Australia. What sets us apart is our commitment to innovation and continuous improvement. We have our own dedicated Research and Development (R&D) team that works tirelessly to stay at the forefront of optical technology.

By constantly reviewing the market and closely assessing our clients' ever-evolving needs, we can tailor our services to provide the most innovative and effective solutions. Our in-house R&D team's dedication to advancing optical technologies ensures that you benefit from the latest developments and solutions, positioning you as a leader in the industry and empowering you to deliver exceptional care to your patients.



Lensmapping Technology

The lensmapper is unique in its ability to combine two optical technologies – Reflection and Transmission. This combination allows for fast, accurate, and automatic measurements, setting a new standard for lens analysis.

Data That We Evaluate

Comparison between the actual lens and the design leading to an accurate error map.

Benefits for Your Practice

- ✓ Allows you to see the real features of your lenses so you can prescribe with confidence
- ✓ Enhance patient satisfaction
- ✓ Custom solutions
- ✓ Accuracy and Precision
- ✓ Competitive advantage

