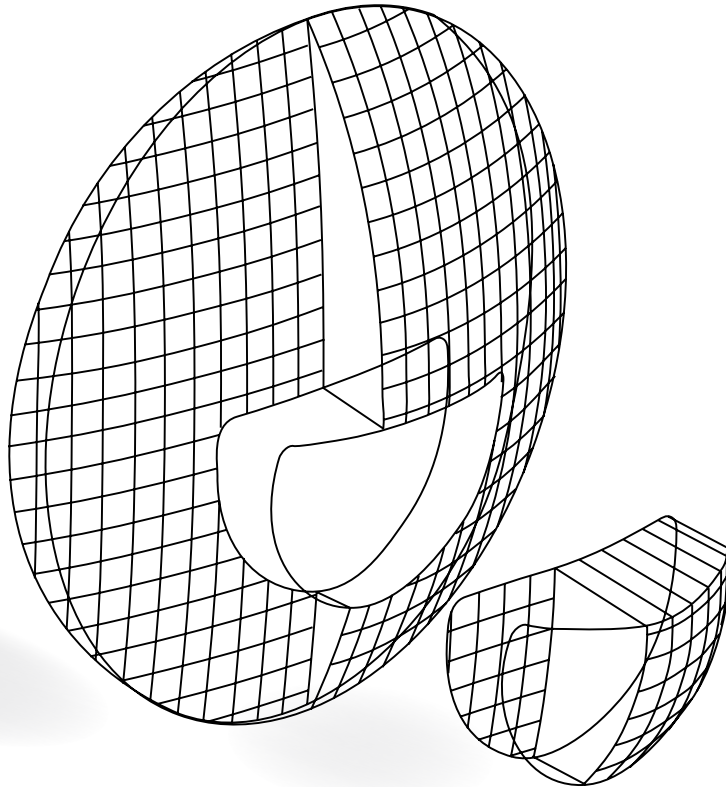




Special lens for creative solutions



POWER RANGE:
– 30 till + 30 dioptrés

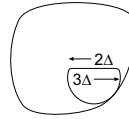
MATERIAL: CR39

Standard glasses may not always be the optimal choice for competitive target shooters, fighter pilots or conductors. Why, for example, do bifocal glasses always have a smaller area for nearsightedness and a larger area for farsightedness? Why not the other way round? “Optio” is a Latin word that means freedom of choice. The design of our special lens for creative solutions is essentially only limited by the imagination. Different parts are milled into a carrier lens to produce a tailor made, exact optical solution. There are vast possibilities for varying power and prism in different parts and the placing of segments.

POSSIBILITIES AND VARIATIONS

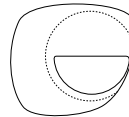
Different prisms in different segments

In ML Optio, it is possible to have different prisms in different segments. For example, prism base out only in far distances or prism base in only in near distances.



Strong addition

ML Optio offers strong addition options. Unwanted image jumping can be avoided by using a low segment and placing the optical centre together.



Special placement of segments

ML Optio offers the option of completely specifying segment placement.



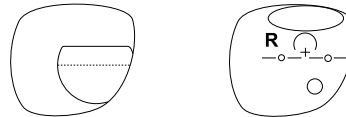
Smaller lenticula

With ML Optio you can obtain a lenticular that is adapted to the frame (e.g. children's frames). SV or bifocal.



Extra segment combined with multi focal lenses

ML Optio can be combined with any type of bifocal or multi focal lenses.



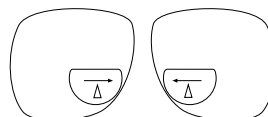
EXAMPLES OF CREATIVE SOLUTIONS

There are still many unsolved problems. You are our key link to customers/patients and we are therefore grateful if you share any ideas, questions or problems that you

encounter. It is almost always possible to find a practical solution. Here are some of the effective solutions that we have delivered.

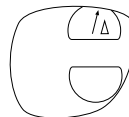
"Bino lens"

When the addition exceeds five dioptres, an adjusted prism base in needs to be introduced as a convergence aid for binocular vision.



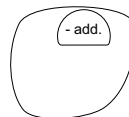
"Lens for a craftsman"

There is a prism base up in the upper segment, which will prevent neck musculature problems.



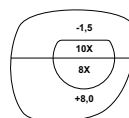
"Conductor/Pilot lens"

Where a smaller field of vision is required for far distances and a very large field is required for sheet music, cockpit controls etc. at close distances.



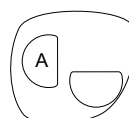
"Advanced solution for low vision patients"

Distance orientation -1.5
Small text 10X
Headlines 8X
Near orientation $+8.0$ dipoter



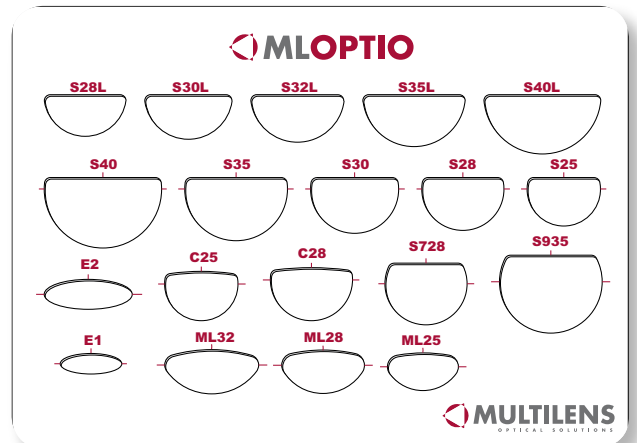
"Shooting lens"

Lens made for marksmen. The segment is positioned so that the marksman can aim through the sight and see the target.



SEGMENTS DESIGN

- Low segment** Suitable to avoid image jumping (see under "Strong addition")
- Normal segment**
- High segment** Suitable for trifocal solutions and large vertical visual fields.
- Ellips segment** Suitable when using distance power under the near segment, for example, on stairs or on a boat deck. Also ideal as upper segments.
- ML segment** A more exclusive design with the same advantages as the ellipse segment.

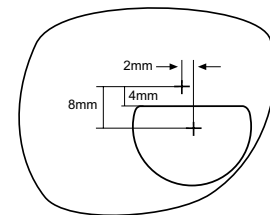
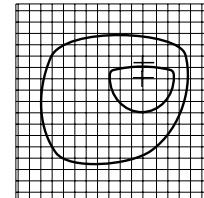


DRAWING

If the segment, optical centre or prism requires special positioning, it will help us if you include a simple sketch of the frame indicating your precise requirements.

POSITIONING THE OPTICAL CENTRES

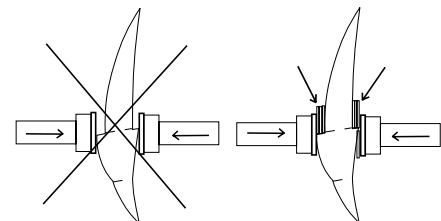
One of the advantages of the ML Optio lens, compared to a normal bifocal or trifocal, is that the optical centre is precisely positioned even in the reading sections. This can be compared to a standard lens where the position of the reading centre depends on the lens power and cylinder. If no special request is made for the positioning of the optical centre, it will be positioned as illustrated.



Positioning the optical centres

EDGING INSTRUCTIONS

If you decide to do the edging of the ML Optio yourself, a plastic stick with double sided adhesive tape will be delivered with the lens. You should use this to build up and even out the different levels of the lens. It is extremely important to distribute the pressure from the edging machine evenly on the lens. If in doubt, let us do the job and take the risk.



FILTER

ML Optio can be combined with our whole range of filters.

HARD COAT

ML Dura is our new hard coat treatment that gives the lens excellent scratch protection and improves the durability of the bounded edges of the segment. ML Dura is standard on all ML Optio lenses.

ANTI REFLECTION

ML PRIMA is a combination of the ML Dura and an eight layer anti reflection treatment. All ML Optios can be treated with ML Prima.

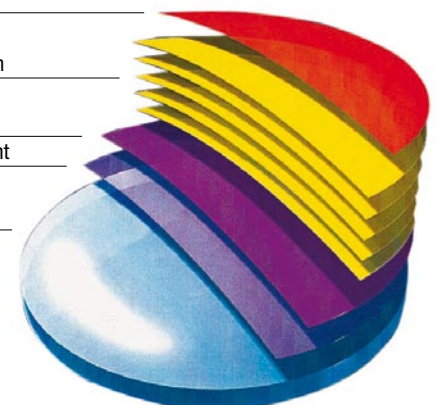
Hydrophobic Layer

AR Multilayer System

Adhesion Layer

Lacquering Treatment

Lens



Multilens is a specialist optical company unique in the global marketplace. Our business concept involves the special grinding of unusual glass. This means that we deliver custom made optical solutions to people with sight issues.

Our core specialities are the eye, vision and visual function. Our attitude is that no problem is too difficult to solve. Our objective is to play a vital role in eye care.

That is why we work with opticians, orthoptists and optometrists, offering the best optical solutions to people with sight problems. We will never stop listening and learning and we are pleased to share our knowledge.