

Alpha Free-Form Series.

The Alpha FreeForm Series uses IOT Digital Ray-Path®. This is the one of the most advanced technology used to make digital lenses. The important difference appears when calculating the back surface. Instead of using a pure geometrical method, Digital Ray-Path® technology is based on an advanced three-dimensional calculation model that takes into account the real position of the lens and the natural movements of the human eye. The result of this innovative calculation method is a progressive lens that is personalized and provides better vision in all zones of the lens.

Better Vision on Every Point.

Lenses calculated with this technology method provide a new visual experience no matter the prescription or frame selected. Digital Ray-Path® is based on the realistic simulation of the optical behaviour of the lens when it's placed in front of the wearer's eye. This simulation computes the oblique aberrations that have a negative impact on the lens visual performance. Oblique aberrations are reduced in every point of the lens, taking into account the rotation of the eye and the real position of the lens. As a result, Digital Ray- Path® creates a unique lens for each wearer that provides better vision in every zone of the lens.

Benefits.

- Improved vision in distance, intermediate and near zones
- Larger, clearer visual fields
- High Performance for high prescriptions & also for sport frames
- Oblique Aberrations Minimization
- Totally customized lens
- Material & Base flexibility
- Optimum Inset
- Frame flexibility

Ordering.

- Lenses are available in 3 corridor lengths and all material, with a minimum fitting Height of 14mm.
- Ordering is as normal with the extra measurements added in the fields provided on the website.
- For best results please supply. BVD, Tilt and Wrap angle as well as Mono Distance and near PD and Heights

Lenses available in the Alpha Series.

- **Alpha H25:** *Specially designed for the near vision.*
- **Alpha H45:** *Perfect balance between distance and near visual fields*
- **Alpha H65:** *Extremely wide distance visual area maintaining a comfortable near visual field.*
- **Alpha Mobile:** *Improve your visual experience when using your smartphone or tablet.*

CUBIK

CUBIK ED Series FreeForm: Progressive lenses.

The CUBIK ED series (Enhanced Design) FreeForm Range at an affordable price. This technology has taken all that has been learnt from the MD design and calculated with the pure geometrical method then taken the prescription requirements at every point on the lens. This has been compared to the some of the top lenses on the market.

Ordering.

You can order the CUBIK ED FreeForm lenses like you would a normal Progressive lens with Distance Mono Pds, fitting heights. Choose the design you require by the fitting heights of the lenses (ED-5, ED-7, ED-9 or ED-11). Or you can specify Frame Wrap Tilt and BVD. If this is not specified, the default values for this will be used.

To ensure you get the best adaption, we recommend that you look at the patients' previous pair of spectacles and specify the corridor length that best matches. For example, if they were wearing a short corridor design lens, we would suggest that you choose the ED-9 when ordering.

CUBIK ED-5, ED-7, ED-9 & ED-11.

This is a step up from the mid-priced MD range with extremely positive feedback and great patient adaption.

Distance 

Near 

CUBIK ED-5 with a minimum fitting height of 12mm

CUBIK ED-7 with a minimum fitting height of 14mm

CUBIK ED-9 with a minimum fitting height of 16mm

CUBIK ED-11 with a minimum fitting height of 18mm

Fitting cross 4mm above PRP

CUBIK

CUBIK MD FreeForm First Generation FreeForm Progressive Lenses.

This is the entry-level technology to make digital lenses. Progressive lenses made with this technology will have the progressive surface on the back of the lens, and a simple curve, typically a sphere, on the front side. The progressive surface is calculated using a pure geometrical method that gives as a result lenses with similar optical performance as conventional progressive lenses, but with the advantages of the digital process, like flexible designs, variable corridor lengths and insets.

Ordering.

You can order the CUBIK MD FreeForm lenses like you would a normal Progressive lens with Distance Mono Pds, fitting heights. Choose the design you require. The MD is the most popular option. To ensure you get the best adaption, we recommend that you look at the patients' previous pair of spectacles and specify the corridor length that best matches.

Lens design options.

CUBIK MD (Normal) - All-rounder

This lens is very good for existing progressive lens wearers and people who have been wearing progressive lenses for many years.

Distance 

Near 

3 fitting heights or corridor lengths:

12mm Corridor - Minimum fitting height of 16mm: Engraved with  **Circle**

14mm Corridor - Minimum fitting height of 18mm: Engraved with  **Triangle**

16mm Corridor - Minimum fitting height of 20mm: Engraved with  **Square**

When ordering please always refer to the corridor length - Fitting cross 4mm above PRP

CUBIK Office Executive (Work) – Dominant Close. Occupational Lens

This lens is very good for someone who is working in an office doing a lot of reading. It is a better option than the Access lens because you have greater flexibility in setting the extended distance portion.

You order the lens like you would a normal Progressive lens with Distance Mono Pds, then specify in the "Notes" section of the order form, the Options you require. For example: "set at 2m" "Set at 4m" "Set at 6m". The option required is for setting the extended distance portion of the lenses and you can request anything from 1m to 6m. The lens will have large reading and intermediate then you request how much further you would like the patient to see in the upper portion of the lens.

Distance 

Near 

CUBIK

CUBIK Regular and Short progressive: Budget level Progressive lenses.

Conventional Progressives.

Traditionally, progressive lenses have been produced using a moulded semi-finished lens that incorporates the progressive surface on the front side. These progressive semi-finished lenses are produced in large quantities, and are available in multiple materials with a range of base curves, and several add values. The wearer prescription is generated using traditional equipment to cut simple curves on the back side of the lens. The progressive design itself is fixed, moulded on the front surface, and it doesn't change for different prescriptions. This method to produce lenses has limitations, there is only a limited number of progressive surfaces available, and it is not possible to produce personalized lenses.

Ordering.

You can order the CUBIK Regular and Short progressive lenses like you would a normal Progressive lens with Distance Mono Pds, fitting heights and you simply choose the design you require (Regular or Short). These lenses are traditional old style moulded front surface progressive lenses. This is the best option when someone really has a budget to work with.

CUBIK Regular Progressive.

This lens has a minimum fitting height of 20mm and only is available in CR39 and 1.6 index. This is a very good option for budget patients.

Fitting cross 2mm above PRP for the Regular progressive.

CUBIK Short Progressive.

This lens has a minimum fitting height of 16mm and only is available in CR39, 1.6 index. This is a very good option for budget patients.

Fitting cross 2mm above PRP for the Short Progressive.