



CROSSBOWS
optical



CUSTOM JUNIOR

The Junior progressive is designed specifically to help reduce the onset of myopia in young people between the ages of 8 and 16 years

Soft design with low distortion

**Bringing Innovation & Vision To
A Clearer Digital Future**

This mild progressive design was created in response to clinical studies regarding the use of multifocals in young children to slow down the progression of early onset myopia. The studies, which were performed in both Asia and the USA conclude that lenses such as **Custom Junior** will reduce the onset of myopia. Recommended for 8-16 year olds based on indications that myopia stabilizes by the late teens or early twenties. The Junior design offers a large stable reading area and excellent peripheral clarity in the distance zone.



Performance

Distance	■ ■ ■ ■ ■ ■ ■ ■ □ □ □
Intermediate	■ ■ ■ ■ ■ ■ ■ □ □ □ □
Reading	■ ■ ■ ■ ■ ■ ■ □ □ □ □
Comfort	■ ■ ■ ■ ■ ■ ■ ■ □ □

Custom Junior comes with **variable decentration** and **edge blending** to reduce edge thickness and select flatter lens curves based on the prescription. **Thin, light-weight lenses are important for children's small frames.** Blocked or surfaced prescribed prism may be added if needed.

The **corridor has been kept short at 13mm**, which allows this lens to have a minimum fitting height of 14mm allowing the frames to be smaller than typical adult frames.

It is not a full range progressive, with **additions ranging between 0.50 and 2.50D**. It is suggested where no

other data is available, that patients should be prescribed with a 1.50D addition lens.

The design is available in various indices.