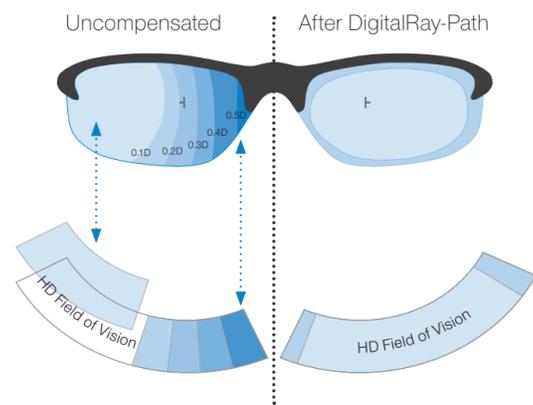


WRAP-AROUND FRAME COMPENSATION



Any Franklin HD progressive lens can be specially produced for a wrap-around frame. Using Digital Ray-Path® technology the optician has the opportunity to measure the wrap angle of the frame and include this information when ordering the personalized progressive lens.

Digital Ray-Path® compensates for high rotation and lens tilt. This advanced technology generates progressive lenses that take into account a high wrap angle and the final quality of vision is always optimized to offer the highest optical performance.

Available for all Franklin HD Progressive Design Series

Franklin HD

Progressive Design Series

Franklin HD Progressive Design Series represents the unique and complete customizable group of designs developed by IOT ophthalmic engineers. With any design offered under the Franklin HD Family wearers get a unique lens calculated using Digital Ray-Path®, the innovative technology that improves the lens performance for any viewing zone.

Franklin HD designs offer natural and accurate vision for any prescription and frame. Making a complete simulation of the real eye-lens model, each Franklin HD lens is specially designed considering any parameter singular of each wearer. This translates into a high added value product that provides wearers with natural and accurate vision.



www.hboptical.com

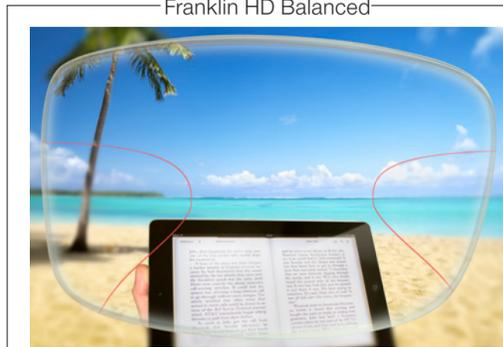


Franklin HD

	Franklin HD BALANCED	Franklin HD READING	Franklin HD DISTANCE	Franklin HD FRIST TIME	Franklin HD ULTRA SHORT
Description	Personalized Progressive Lens				
Strengths	Balanced between near and distance	Near vision enhanced	Distance vision enhanced	Soft design	Exclusive for small frames
Far	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★
Near	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★
Comfort	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★
Technology					
MFH's available	14, 15, 16, 17, 18, 19 & 20 mm	14, 15, 16, 17, 18, 19 & 20 mm	14, 15, 16, 17, 18, 19 & 20 mm	16, 17, 18, 19, & 20 mm	10, 11, 12 & 13 mm



Franklin HD Balanced



Fully personalized design with a balance between the distance and near vision. Highly recommended for experienced and demanding progressive wearers, looking for an all-purpose progressive lens with generous visual fields at all distances and a comfortable lens.

Franklin HD Reading



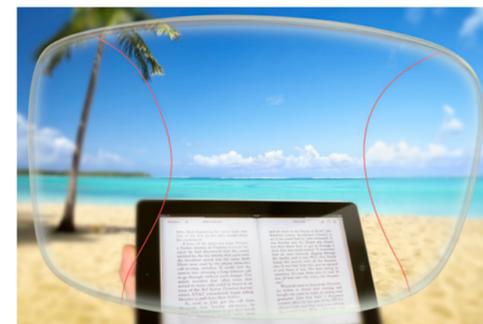
Fully personalized design specially created for experienced progressive wearers who want the best near vision and comfort for reading or model-making.

Franklin HD Distance



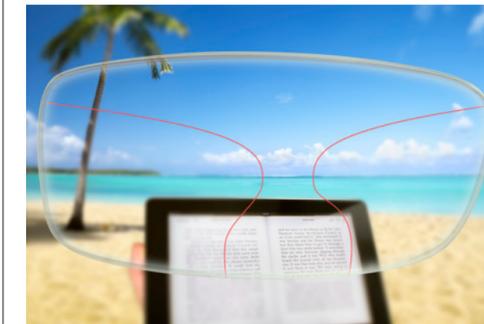
Fully personalized design specially developed for experienced progressive wearers who want the best distance vision. Panoramic high performance distance vision for traveling or enjoying landscapes.

Franklin HD First Time

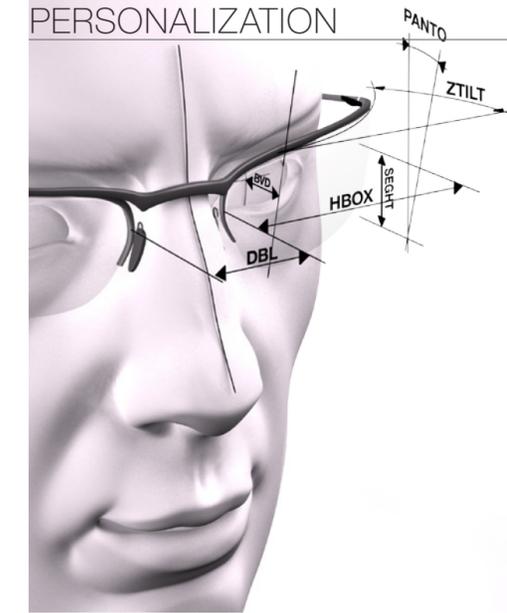


Fully personalized design for novice progressive wearers. Smooth soft transition zone between distance and near vision.

Franklin HD Ultra Short



Fully personalized design available in different MFH's, allowing easy adaptation to narrow frames. Specific for those wearers who need a very short corridor length.



Personalization can make a big difference in ophthalmic lenses. When a lens is optimized for a single wearer, the best possible optics are achieved. Each wearer will experience the best quality of vision and superior comfort.

When possible, the ECP should take measurements for all personalization parameters and send them with the lens order for a full compensation. These parameters will be used by Digital Ray-Path® to refine the optimization of the lens.

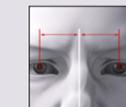
As a result, Digital Ray-Path® creates a lens that provides better vision through every point of the lens. The wearer will perceive wider, more comfortable visual fields in the distance, intermediate and near vision zones.

The personalization parameters used for the compensation calculation are specific to each individual wearer. These parameters represent the unique identity of each wearer and make it possible to create customized lenses.



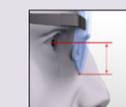
Prescription & Addition

Digital Ray-Path® calculates the power that the user will truly perceive once the lenses are fitted on the frame.



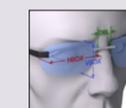
Nasopupilar Distance

Is defined as the distance from the axis of symmetry of the face to the center of the pupil.



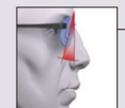
Pupil Heights

Is the vertical distance between the pupil center and the deepest part of the lens shape.



Frame Dimensions

Frame dimensions are used to calculate the final diameter, thickness of the lens and improve the efficiency of the optimization.



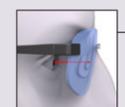
Pantoscopic Angle

This is the angle in the vertical plane between the optical axis of a spectacle lens and the visual axis of the eye in primary position.



Wrap Angle

Frame curvature



Back Vertex Distance

Distance between the cornea and the back surface of the lens.



Near Working Distance

This is the distance from the lens to the typical reading position for the wearer.

