



HARMONIS

SWISS MADE
EDOF IOL

CUSTOMIZABLE HYBRID DESIGN

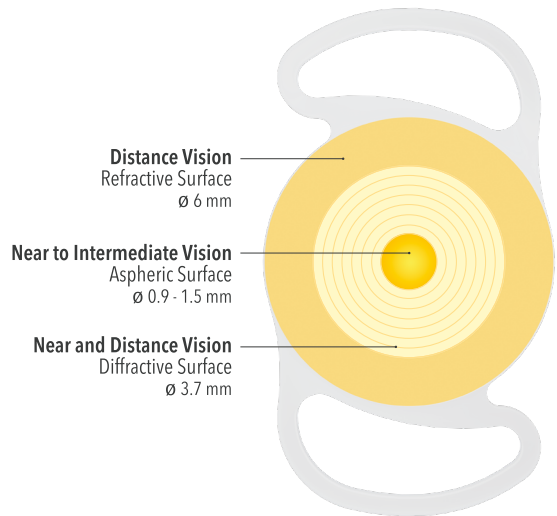


SWISS ADVANCED VISION
INTRAOCULAR LENS

HARMONIS LENS

Harmonis is a high-end customizable EDOF IOL designed to correct the vision post cataract surgery. Developed and manufactured entirely in Switzerland, it offers patients the possibility to configure the lens using a dedicated online configurator. In addition, Harmonis integrates the **EDOF technology Instant Focus** built around a refractive-diffractive optical surface.

As a result, patients can benefit from a customizable lens with an accommodation range that expands from the near vision towards the distance vision. The loss of light and potential dysphotopsia is substantially minimized providing an extra level of visual comfort. The closed loop haptic design enfolds the platform of Harmonis providing a stable fit in the capsular bag.



3,000+ Optical Configurations
at Your Fingertips

HARMONIS CONFIGURATOR

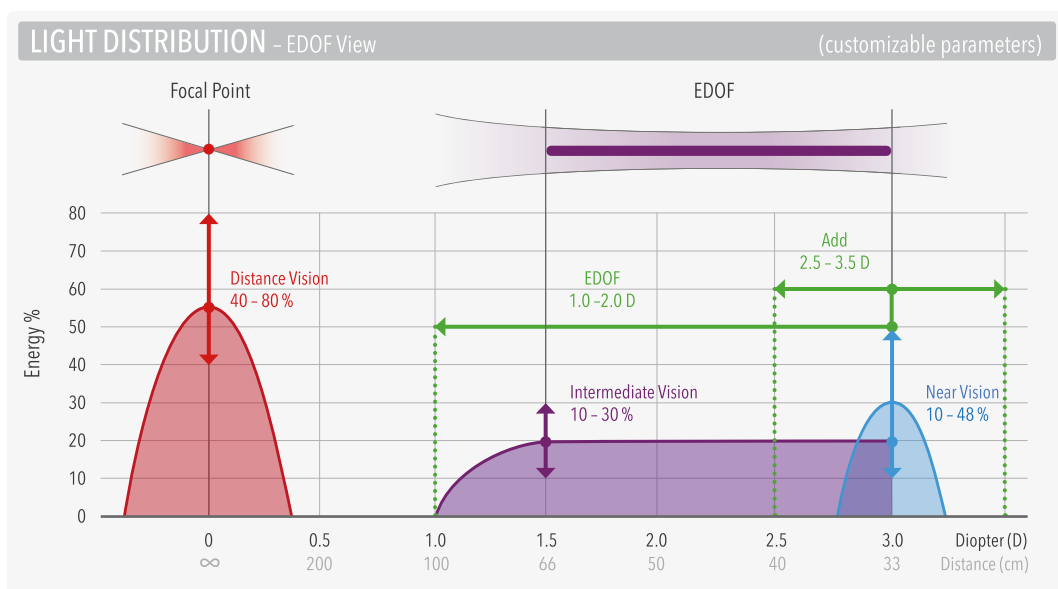
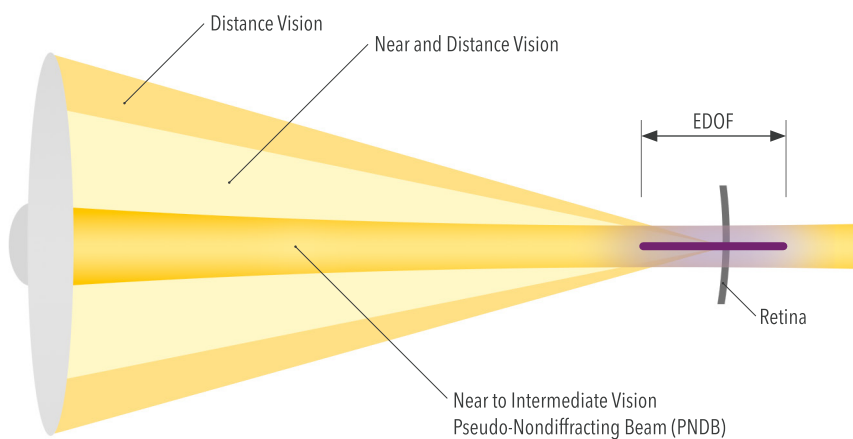
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Minimum Screen Resolution: 1024 x 768px

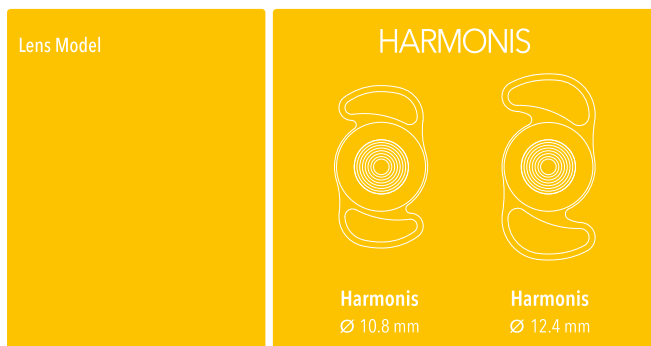
EDOF TECHNOLOGY

Instant Focus is a unique patented optical technology designed to replace the accommodative function of the natural lens. This technology enables to extend the depth of focus characterized by a constant resolution and peak of light intensity. This peak of light is obtained through a constructive light wave interference concept generated by an aspheric surface in the center of the lens.

The resulting beam of light is called **Pseudo-Nondiffracting Beam (PNDB)**. A Diffracting Beam starts diverging from the focal point, whereas a PNDB starts diverging after some distance. For Harmonis the PNDB is calculated to cover the near-intermediate vision continuously towards the distance vision.



TECHNICAL INFORMATION



Lens Type	Pseudophakic single piece foldable IOL
Power Range	+5.0 to +30.0 D (by 0.5 D steps)
Add	+2.5 to +3.5 D (by 0.25 D steps)
EDOF	1.0 to 2.0 D (by 0.5 D steps)
Optical Diameter	6.0 mm
Optical Design	Hybrid Multizone (refractive, diffractive, aspheric)
UV Protection	Cutoff at 370 nm
Material	Hydrophilic acrylic (26 % water content)
Square Edge Design	360° (posterior face)
Haptic Design	Closed loop (0° angulation)
Packaging	Plastic blister
Recommended Injector Size	≥ 2.2 mm

CONTACT

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INTRAOCULAR LENS

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