



FINE TECHNOLOGY

FINEVISION Trifocal IOLs

WIN VISUAL ACUITIES

AT

ALL

DISTANCES

- 1 20/200
- 2 20/100
- 3 20/70
- 4 20/50
- 5 20/40
- 6 20/30
- 7 20/25
- 8 **20/20**
- 9
- 10
- 11



FINE TECHNOLOGY

The original patented diffractive trifocal optic

Combination of two profiles

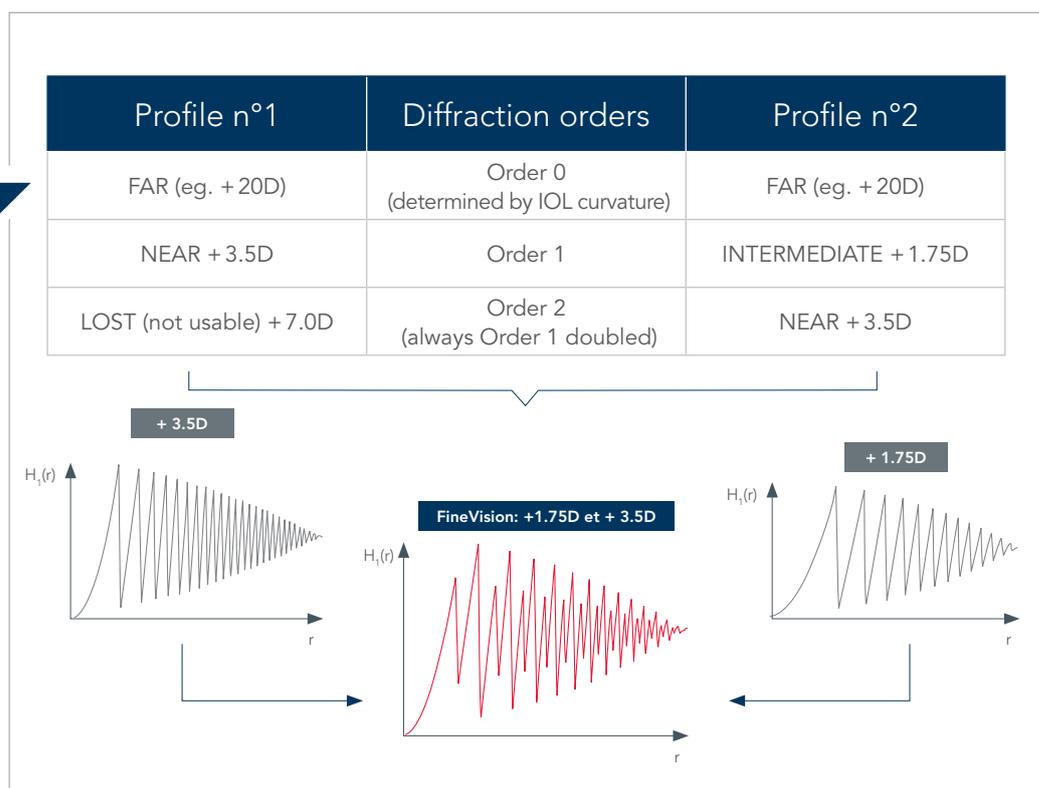
Combining two profiles offers the patient an intermediate vision without impairing **near** and **far** visual acuities.

This concept is designed to reduce the loss of light energy typically caused by diffractive systems.

What do the studies say?

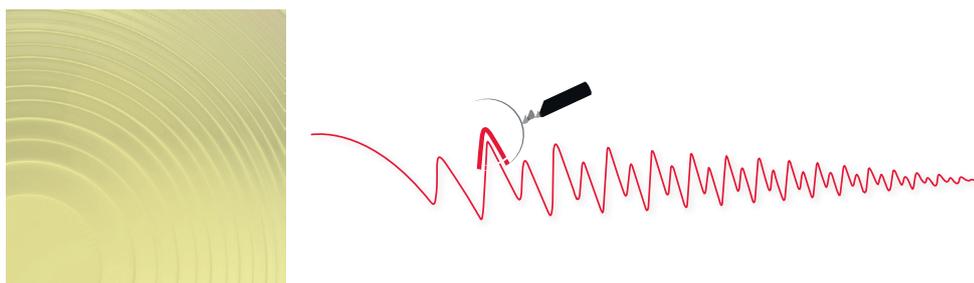
"The second order of profile n° 2 reinforces order 1 of profile n° 1. This gain of energy provides more than 86% of useful light energy depending on the pupil aperture."

—www Reference:
Data on file with BVI.



Combination of two technologies

Our trifocal family is the first and only optic to feature **CoPODize** technology, combining both **Convolution** and **Apodization** technologies on the entire optic surface.



Innovative trifocal technology

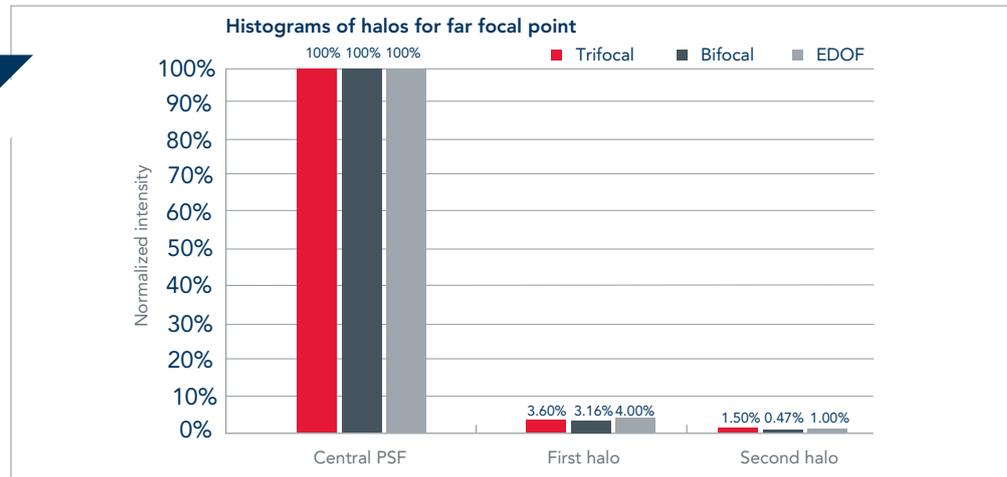
Convolution and Apodization benefits

Convolution reduces and limits photopic phenomena.

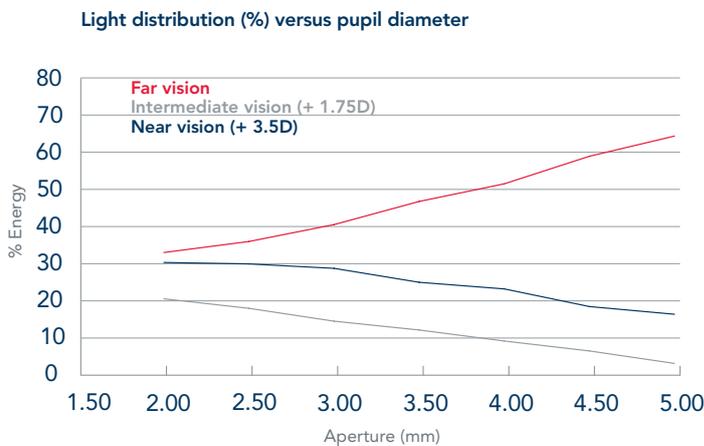
What do the studies say?

"The PSFs (Point of Spread Function) data show similar halos intensity for FINE technology and EDOF IOL."

Reference:
Data on file with BVI.



Apodization optimizes the percentage of energy for far vision with the opening of the pupil.

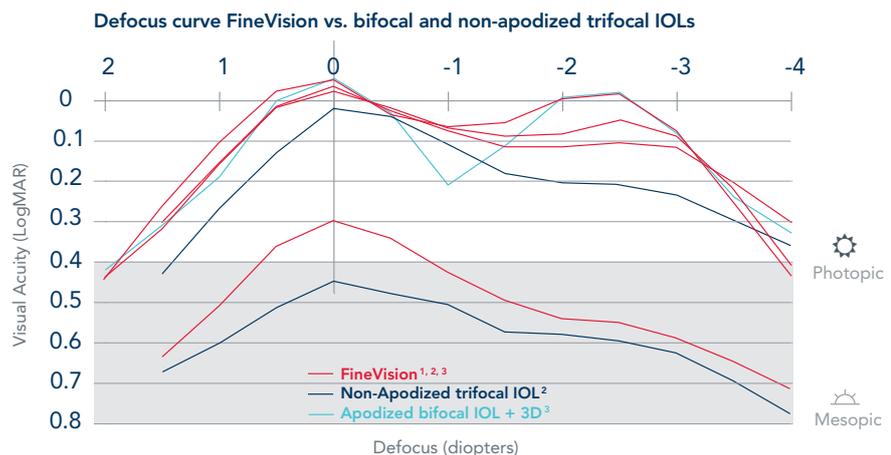


What do the studies say?

"To match the eye's natural reflex, the percentage of energy allocated to the far vision increases with the opening of the pupil."

Reference:
D. Gatinel, et al.: Design and qualification of a diffractive trifocal optical profile for intraocular lenses, JCRS 2011; 37 : 2060-2067.

FINE technology: best visual acuities at all distances



¹ B. Cochener, MD, PhD et al.: Clinical outcomes with a trifocal intraocular lens: a multicenter study, JRS 2014; 30 (11): 62-768.

² J. M. Martínez de la Casa, SEO 2014: Análisis de la calidad visual tras implantación de lentes intraoculares difractivas trifocales.

³ Soraya M.R. Jonker, MD et al.: Comparison of a trifocal intraocular lens with a D3.0 D bifocal IOL: Results of a prospective randomized clinical trial, J Cataract Refract Surg 2015; 41:1631-1640.

FINEVISION

Trifocal IOL Family



FINEVISION HP

TRIFOCAL OPTIC

TORIC



FINEVISION HP

TRIFOCAL OPTIC



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Note: Not all intraocular lenses are FDA approved. Please check the availability of products in your market with your sales representative.

Contact Information:

www.bvimedical.com/customer-support/

