



**Eyekenz® Z**

Healthcare Pvt. Ltd.

*Redefining Eye Care Management*

**Eyekenz® Z**  
**IOL**

# Eyekenzz<sup>®</sup>

## EDOF

Enhanced Depth of Focus



**AMH-EDF-6125**



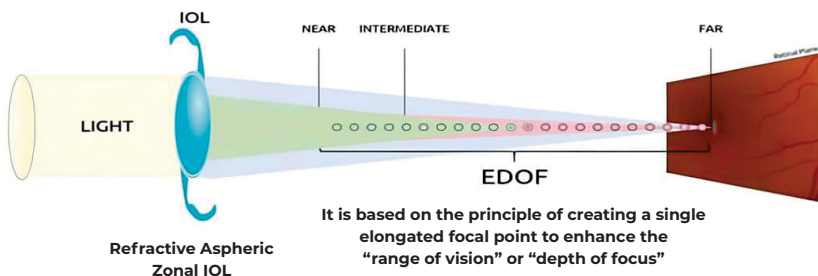
Yellow Hydrophobic Aspheric Foldable IOL with EDOF

Eyekenzz EDOF is a single sterile **yellow hydrophobic aspheric foldable acrylic posterior chamber IOL with extended depth of focus (EDOF) technology.**

Eyekenzz EDOF is based on the principle of creating a single elongated focal point to enhance the range of vision or depth of focus in the treatment of presbyopia-correcting IOLs. These IOLs enhance intermediate and near distance visual performance.

Eyekenzz EDOF IOL contains UV absorber and optional blue light filtering chromophores.

## Understanding EDOF



**The EDOF IOL is non-preloaded IOL which has to be manually loaded into a compatible injector**

# EyekenzZ EDOF IOL

## Technical Specifications



POWER RANGE	
Standard Powers	5.00 D -> + 30.0 D (0.5 D steps)
Intermediate Addition	+2.25 D, +2.50 D
MATERIAL	
Hydrophobic Acrylic blanks contain UV absorber with < 0.5% water content and optional blue light filtering Chromophore	
Refractive Index	1.493
Sterilization	Ethylene Oxide
DESIGN	
Optic Diameter Overall Diameter	6 mm / 12.50 mm
Optic Design	Biconvex - 360°; Square Edge with Refractive Optics
Nominal A-constant	118.8
Haptic Design	Single Haptics with 0° Angulation
PCO Prevention	360° Square Edge
Shelf Life	5 years after sterilization
INJECTION	
Estimated Incision Size	1.8 - 2.2 mm
Injector & Cartridge	Front Load with 2.2 mm Cartridge
CONSTANTS	
for optical and immersion ultrasound measurements	
SRK/T A-Constant	Hoffer Q
A = 118.8*	pACD = 5.61*
Haigis	Holladay I
a0 = 1.96* a1= 0.400 * a2= 0.100*	SF = 1.85*
	SRK/ II A-Constant
	A = 119.1

# Eyekenz® Z IOLs

## Hydrophobic IOL



## Hydrophilic IOL



## EDOF IOL



## PMMA IOL



Only for the use of a Registered Medical Practitioner or a Hospital or a Laboratory

