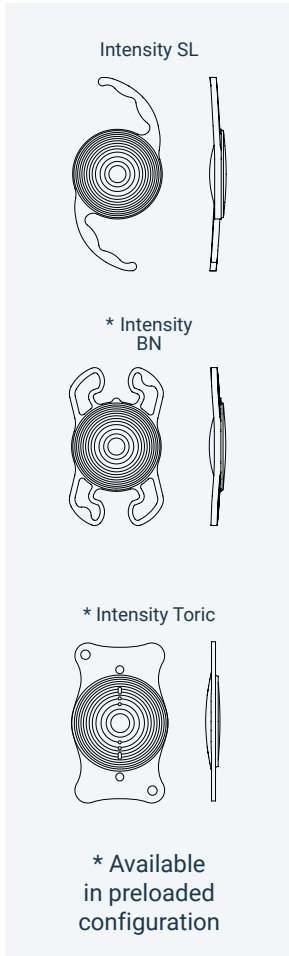


Multifocal IOLs

Intensity

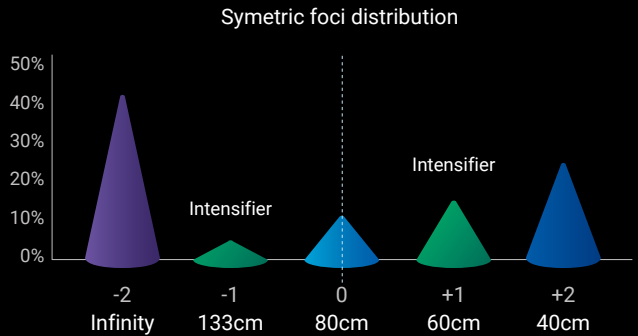


	Intensity SL	Intensity BN *	Intensity Toric *
Platform	C-Loop	4 - Loop	Plate Haptic
Overall Diameter	13 mm	11 mm	11 mm (>16D) 11.5 mm (≤16D)
Placement	Capsular Bag		
Optic diameter	6 mm		
Power range	10 to 30D (0.5D increments)		
Addition	Add powers: +3 and +1.5 in IOL plane for near and intermediate; and two additional focus intensifying diffractive orders providing the lens a greater efficacy		
Cylinder range	-		Powers 10-20.0: 1, 1.5, 2.25, 3.0 Powers 20.5-30.0: 1, 1.5, 2.25, 3.0, 3.75, 4.5
Optic design	Aspheric Multifocal Diffractive, DLU Technology		
360° Continuous Square Edge	Yes		
Haptic angulation	5°	0°	
Material	Hydrophilic acrylic with bonded UV absorber and violet light filter		
Refractive Index	1.46 (hydrated @ 35°C)		
A constant (SRK/T) for Optical or Immersion US biometry	118.4	118.4	117.45
A-constant (SKR/T) for Contact US biometry	118.1	118.1	117.1
Sterilization	Steam		

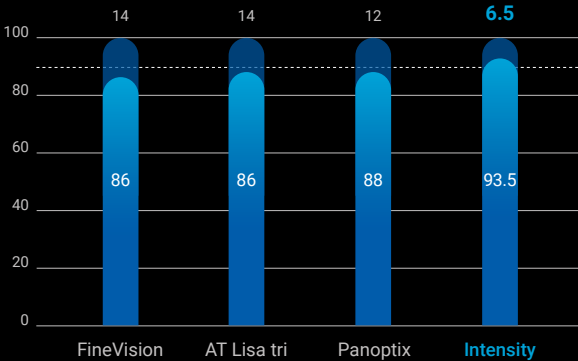
Vision Redefined

Optimal Light Distribution

Intensity is the first lens with a Symmetric foci distribution around the zero order. Based on a unique proprietary design developed using the Dynamic Light Utilization algorithm, the modulated transfer function (MTF) is increased in the area between far-intermediate and intermediate to near, enabling a continuous defocus curve.



Energy Utilization [%]



Maximum Light Utilization

The lens profile is highly energy efficient with 46% less energy lost in comparison to competing lenses, potentially decreasing visual disturbances and intensifying vision in patients' daily life.

Dynamic Light Utilization

Smooth lens profile

Optimal light distribution

Best light utilization

Continuous vision

High quality

Minimal Side effects