

### Sinusoidal Trifocal + SVT<sup>™</sup> (Sinusoidal Vision Technology)

Acriva<sup>UD</sup> Trinova<sup>®</sup> provides best optical performance in trifocal IOL design with SVT<sup>™</sup>, a unique patented technology which does not exhibit any sharp edges. It ensures maximum light transfer (up to 92%) thanks to its stepless diffractive zones.

### 3.00D - 1.50D Near/ Intermediate Additions

Acriva<sup>UD</sup> Trinova<sup>®</sup> is designed to increase patients' life quality. Comfortable distances in 38 cm near and 80 cm intermediate focus.

### Ultra Definition Optic

Acriva<sup>UD</sup> Trinova<sup>®</sup> has a mild negative asphericity which provides, improved contrast sensitivity and tolerance to decentration

### 360° All Enhanced Square Edge

Unique design reduces PCO risk by creating a geometric and a mechanical barrier against cell proliferation.

### Superior Chromatic Aberration Control

Acriva<sup>UD</sup> Trinova<sup>®</sup> has very high Abbe Number (58)  
 The higher the Abbe Number the lower the Chromatic Aberration

### Unique Stepless Diffraction Pattern

12 unique diffractive smooth ridges derived from sinusoidal function provide best visual performances.

### Plate Haptic Design

Suitable for MICS. Easy to fold, inject and align.

### Premium Material

Ultra high purity acrylic copolymer  
 (Combination of hydrophobic and hydrophilic monomers)

### Efficient Photo Protection

Optimum filtration range and ideal concentration of natural chromophores provide efficient photo protection.

### Optimized Light Distribution

Designed for comfortable reading distances  
 Photopic Condition: 41% far, 30% Intermediate and 29% Near  
 Mesopic Condition: 45% far, 25% Intermediate and 30% Near

### Tolerance To Decentration and Large Angle Kappa

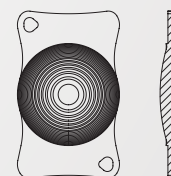
Acriva<sup>UD</sup> Trinova<sup>®</sup> has the highest tolerance to decentration and large angle kappa with its central diameter of 1.4 mm.

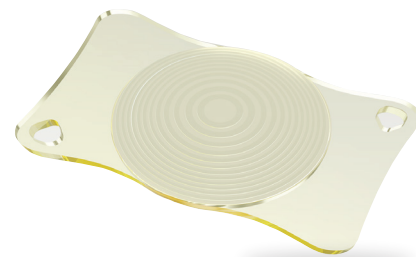
### Wide Diopter Range and Precise Diopter Production

±0.25D Tolerance limit on IOL Power  
 Spheric: 0.0 D to 32.00 D with 0.50D increments

### Superior Features of Acriva<sup>UD</sup> Trinova<sup>®</sup>

- Minimized dysphotopsia due to reduced scattered light
- 92% effective light transmission to retina
- Excellent MTF results at all distances
- Outstanding visual outcomes at mesopic conditions
- Tolerance on slight post-op tilts and higher Angle Kappa





<b>General</b>	Trifocal Sinusoidal Vision Technology, Foldable, Single Piece, Aspheric, Achromatic, Hydrophobic Surface, UV and Violet Filter	
<b>Applications</b>	Cataract Treatment, Refractive Lens Exchange (RLE), Presbyopia Correction	
<b>Optic Size</b>	6.00mm	
<b>Optic Design</b>	Sinusoidal Trifocal IOL	
<b>Haptic Size</b>	11.00mm	
<b>Haptic Design</b>	Plate Haptic (suitable for MICS)	
<b>Haptic Angle</b>	0°	
<b>Material</b>	Hydrophobic Surface, BB (Blue Balance), Natural Chromophore, Dynamic Photofiltration	
<b>Aspheric Value</b>	Ultra Definition Mild Negative Correction	
<b>Abbe Number</b>	58	
<b>Light Transmission</b>	92.0 %	
<b>Light Distribution</b>	Photopic Conditions 41% Far - 30% Intermediate - 29% Near Mesopic Conditions 45% Far - 25% Intermediate - 30% Near	
<b>Square Edge</b>	360° All Enhanced Square Edge	
<b>Refractive Index Wet</b>	20°C /35°C 1.462/1.462 ± 0.002	
<b>Acoustic (Nominal) A Constant</b>	118.0	
<b>Optical A Constants</b>	SRK-II	: 118.0
	SRK-T	: 117.9
	Haigis a0,a1,a2	: 0.58, 0.4, 0.1
	Hoffer Q pACD	: 4.82
	Holladay sf	: 1.04
	Barrett Universal II LF	: 1.31
<b>Diopter Power Range</b>	sph 0.0D to +32.00 D (0.5 D increments)	
<b>Recommended Injector</b>	Acrijet Green 1.8 (Up to 25.0 D) Acrijet Green 2.0 (Up to 28.0 D) Acrijet Green 2.2 (Up to 30.0 D)	



Please refer to our web pages for the most up-to-date references.

*Patented Technology*