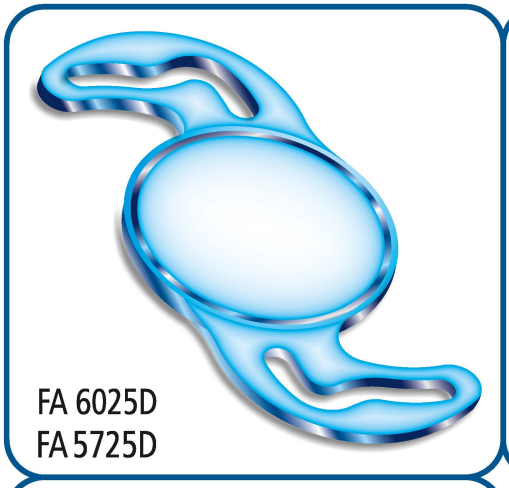
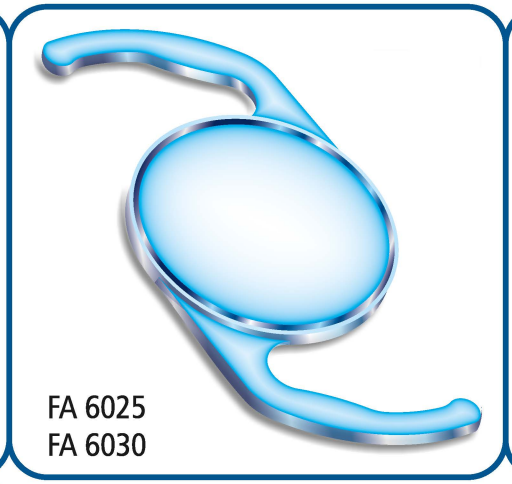
GLOBAL OPHTHALMIC

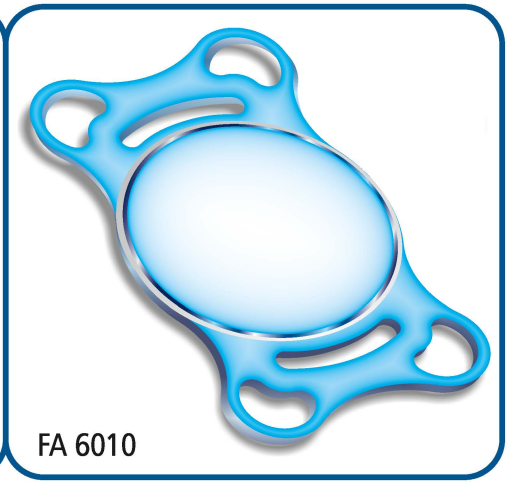
Hydrophilic Acrylic Foldable Intraocular Lenses

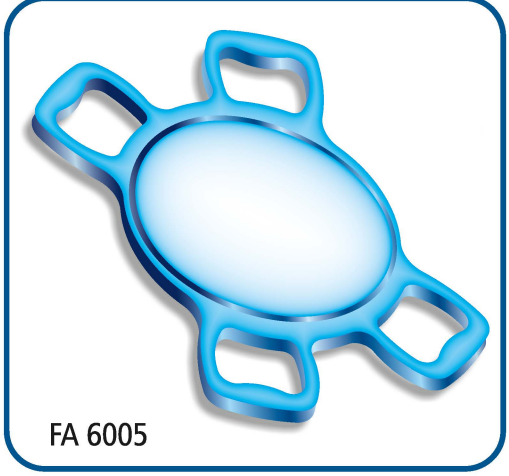
- ☑ Enhanced Depth of focus Aberration Control Negative Aspheric IOL's.
- ☑ Glare Free -Blue Blocking Yellow Aspheric IOL's.
- ☑ Superior PCO Prevention 360° PCO Barrier Optics Monofocal IOL's.

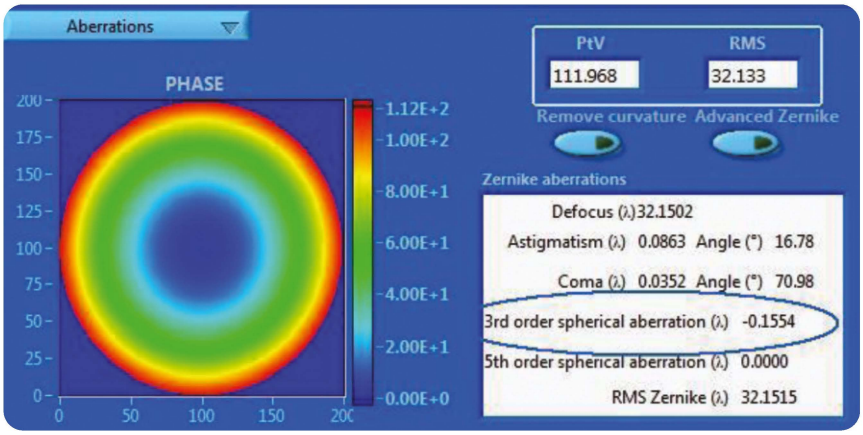
asprolenz® Aberration free Negative Aspheric Foldable Intraocular lens with 360 ° Step Square edge PCO barrier Optics


FA 6025D
FA 5725D


FA 6025
FA 6030


FA 6010


FA 6005

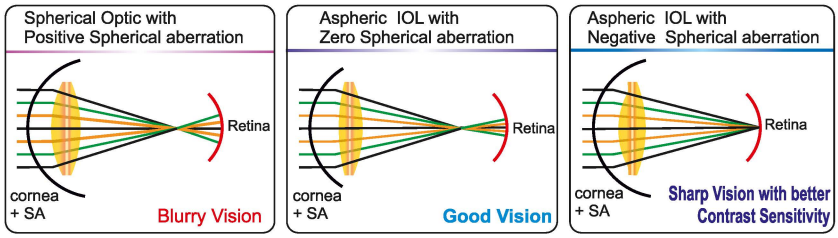


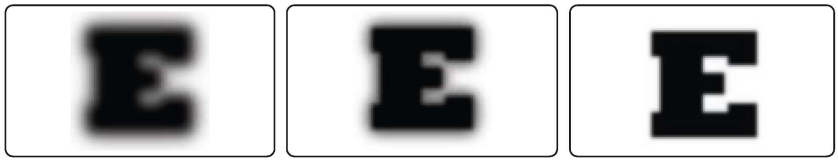
3rd Order Spherical aberratoin -0.15 of FA6025D +21.0 D

Features

- Aberration Neutral Aspheric optics - negative spherical aberration -0.15 µ* wavefront technology.
- Excellent quality of vision and greatly increased contrast sensitivity.
- 360° Square edge design provides uninterrupted contact at the haptic-optic junction to limit LEC's migration.
- The advanced IOL design - Stable and Perfect centration and ultimate stability in the capsular bag.
- Steam sterilization does away with the hazards of ETO residue

SPHERICAL ABERRATION OF MONOFOCAL IOL





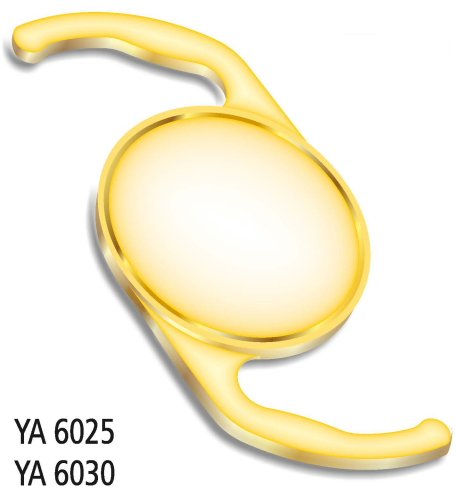
Specifications

Material / Lens Type	Single Piece Hydrophilic Acrylic Foldable Intraocular lens					
Optic Feature	Biconvex - Aberration Neutral Negative Aspheric Optic					
Model	FA 5725D	FA 6025D	FA 6025	FA 6030	FA 6010	FA 6005
Optic Øb	5.75 MM	6.00 MM	6.00 MM	6.00 MM	6.00 MM	6.00 MM
Overall Øt	12.50 MM	12.50 MM	12.50 MM	13.00 MM	11.00 MM	10.50 MM
Haptic Angulation	0°	0°	0°	0°	0°	0°
Haptic Design	Modified C Dual Haptic		Modified C Haptic		Plate Haptic	
PCO Protection	360° Step Square Edge on posterior Side.					
A-Constant (Nominal) *	118.0					
Refractive Index	1.459					
Available Powers	- 5.0 D to +35.0 D (+10.0 to +30.0 D in 0.5 D steps ,-5.0 to +9.0 D & +31.0 to +35.0 D in 1.0 D Steps)					

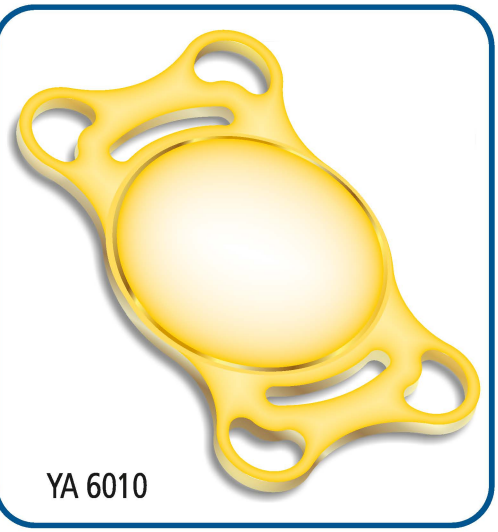
accura vue®

Blue light filter Hydrophilic Acrylic Foldable Intraocular lens Aberration Control Negative Aspheric IOL with 360 ° Step Square edge PCO barrier Optics

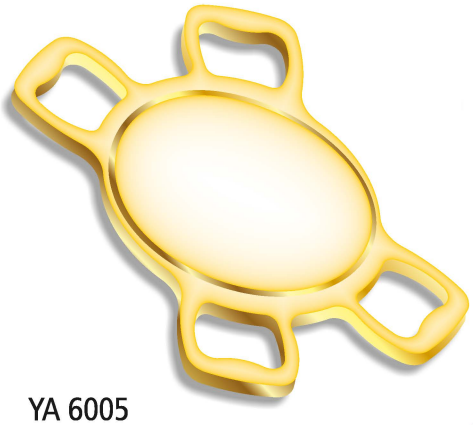
YA 6025D
YA 5725D



YA 6025
YA 6030



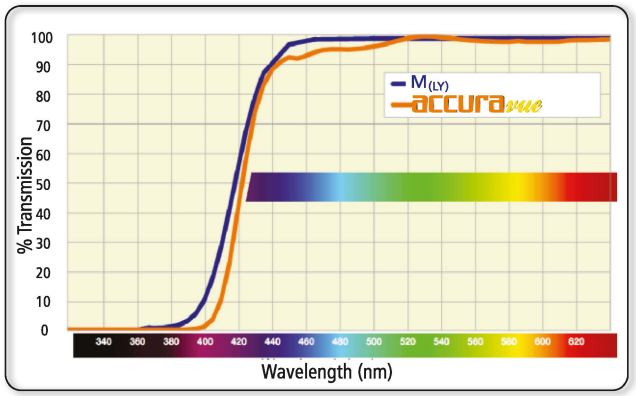
YA 6010



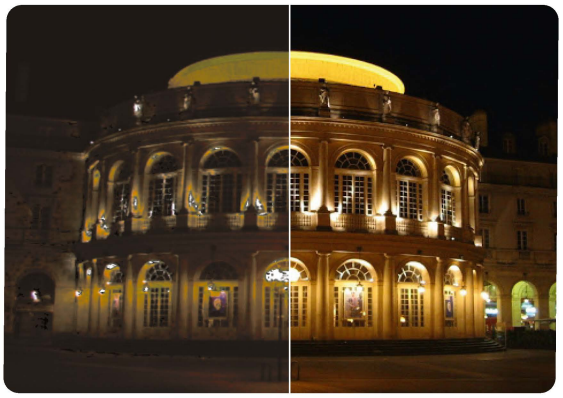
YA 6005

Features

- Aberration Control Negative Aspheric optics - negative spherical aberration wavefront technology.
- Excellent quality of vision and greatly increased contrast sensitivity and peak visual performance in night vision and decreased glare.
- Smooth lens surface reduces bacterial adhesion, inflammatory cell response and haptics for ease of unfolding.
- 360° Step Square edge design provides uninterrupted contact at the haptic-optic junction to limit LEC's migration.
- The advanced IOL design - Stable and Perfect centration and ultimate stability in the capsular bag.
- Optics are YAG Laser Compatible.



Comparison of a Young Lens $M_{(LY)}$ vs accura *vue* Natural Yellow IOL



Other yellow IOL visual performance in night time.

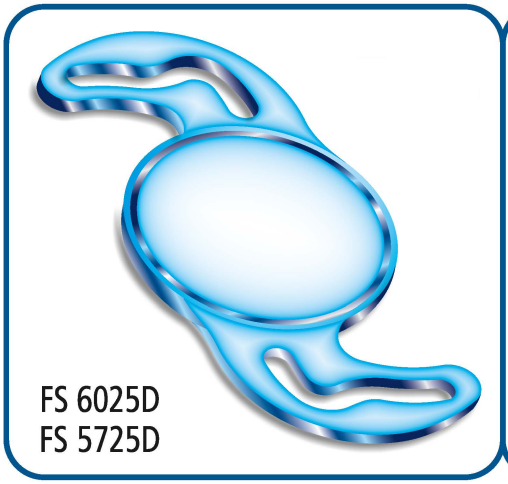
accura *vue* Aberration neutral Yellow optics better visual performance in nighttime.

Specifications

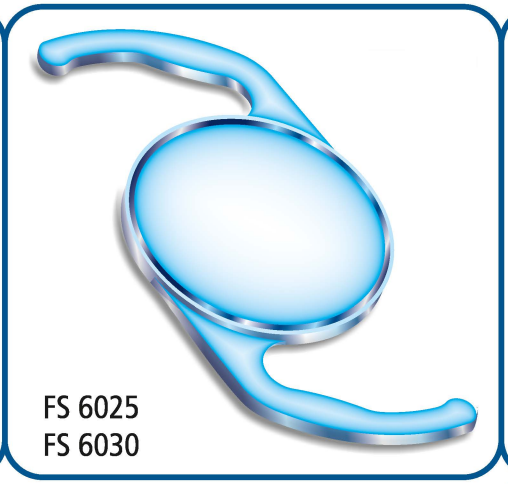
Material / Lens Type	Single Piece Yellow Hydrophilic Acrylic Foldable Intraocular lens					
Optic Feature	Biconvex - Blue Light Filter Aberration neutral Negative Aspheric Optic					
Model	YA 5725D	YFA 6025D	YA 6025	YA 6030	YA 6010	YA 6005
Optic $Ø_b$	5.75 MM	6.00 MM	6.00 MM	6.00 MM	6.00 MM	6.00 MM
Overall $Ø_t$	12.50 MM	12.50 MM	12.50 MM	13.00 MM	11.00 MM	10.50 MM
Haptic Angulation	0°	0°	0°	0°	0°	0°
Haptic Design	Modified C Dual Haptic		Modified C Haptic		Plate Haptic	
PCO Protection	360° Step Square Edge on posterior Side.					
A-Constant (Nominal) *	118.0					
Refractive Index	1.459					
Available Powers	- 5.0 D to +35.0 D (+10.0 to +30.0 D in 0.5 D steps ,-5.0 to +9.0 D & +31.0 to +35.0 D in 1.0 D Steps)					

Hemafold®

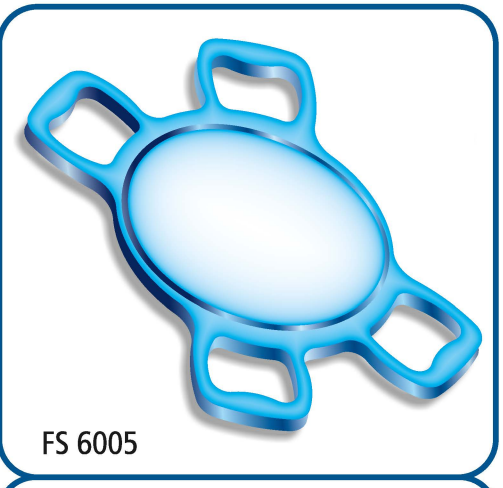
Hydrophilic Acrylic Foldable Intraocular lens with 360 ° Step Square edge. PCO barrier Optics



FS 6025D
FS 5725D



FS 6025
FS 6030

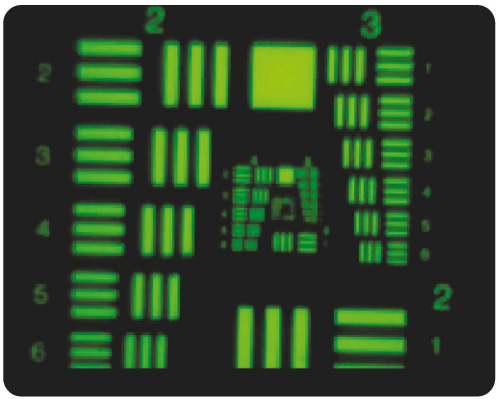


FS 6005

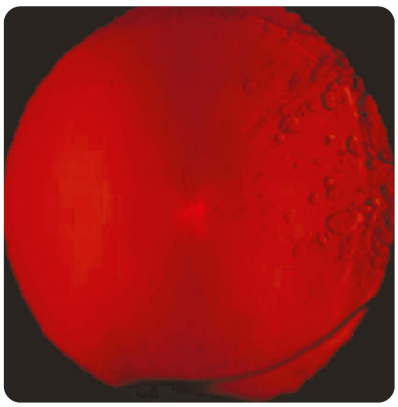
Features

- Ultra pure Hydrophilic acrylic Material with adequate UV blocking.
- 360° Square edge design provides uninterrupted contact at the haptic-optic junction to limit LEC's migration.
- Smooth lens surface reduces bacterial adhesion, inflammatory cell response and haptics for ease of unfolding.
- Pre-vaulted haptic design - continuous posterior surface contact with the capsular bag to prevent PCO.
- The advanced IOL design - Stable and Perfect centration and ultimate stability in the capsular bag.
- Optics are YAG Laser Compatible.
- Steam sterilization does away with the hazards of ETO residue

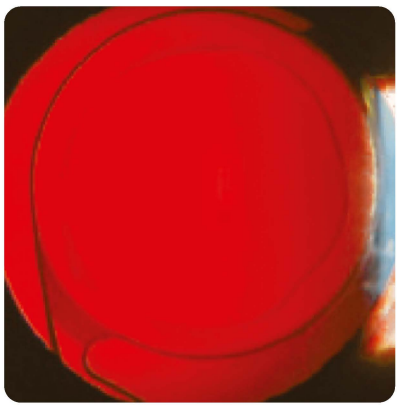
Scanning electron microscope image of FS 6025D IOL 360° step Square Edge design



Visual performance testing in USAF target under low-light condition. Vision was superior with our IOL



Standard square edge lens with PCO



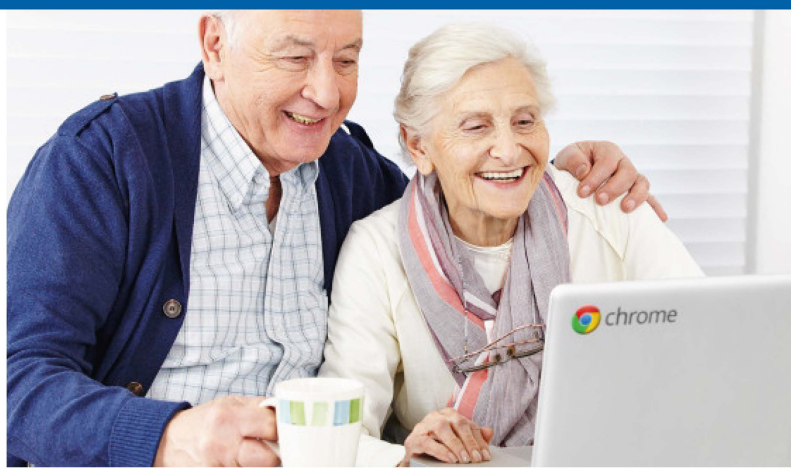
Hemafold® with 360 ° step square edge lens without PCO

Specifications

Material / Lens Type	Single Piece Hydrophilic Acrylic Foldable Intraocular lens				
Optic Feature	Biconvex : +6.00 to +35.00 D , Convex Concave : - 5.00 D to +5.00 D				
Model	FS 5725D	FS 6025D	FS 6025	FS 6030	FA 6005
Optic Øb	5.75 MM	6.00 MM	6.00 MM	6.00 MM	6.00 MM
Overall Øt	12.50 MM	12.50 MM	12.50 MM	13.00 MM	10.50 MM
Haptic Angulation	0°	0°	0°	0°	0°
Haptic Design	Modified C Dual Haptic		Modified C Haptic		Plate Haptic
PCO Protection	360° Step Square Edge on posterior Side.				
A-Constant (Nominal) *	118.0				
Refractive Index	1.459				
Available Powers	- 5.0 D to +35.0 D (+10.0 to +30.0 D in 0.5 D steps ,-5.0 to +9.0 D & +31.0 to +35.0 D in 1.0 D Steps)				

Gloject® Injector and Cartridge system

- Gloject Single use injector system is specially designed for smoother and safer delivery of acrylic foldable IOL.
- Gloject injector system deliver the IOL from 2.2 mm to 2.8 mm incision cartridges.
- Click-lock mechanism thereby securing the lens in the exact position for a perfect lens delivery into the eye.
- Lens insertion is gentle and without the lens wedging or twisting ensures a controlled release, and consequently a precise positioning in the eye.
- Gloject injector and cartridge sterilized by Ethylene Oxide.



Manufactured By

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