



677CMY

Single piece, sterile, foldable acrylic aspheric hydrophilic posterior chamber intraocular lens (IOL) with UV blocker and blue light filter. The optic is trifocal. The IOL is preloaded, which is part of an injection system, delivered in a special lens holder, that must be inserted into a dedicated injector before implantation.



 **YELLOW IOL**

POWER RANGE

Standard Powers	+8.0 D → +30.0 D (0.5 D steps)*
Addition	+3.5 D near +1.75 D intermediate

MATERIAL

Copolymer of hydrophobic and hydrophilic monomers with 25% water content, UV blocker and blue light filter	
Refractive Index	1.46
Abbe Number	58

DESIGN

Optic Diameter	6 mm	13 mm
Overall Diameter		
Optic Design	Aspheric - Aberration Neutral Biconvex (+8.0 D → +35.0 D)	
Nominal A-constant	118.9	
Diffractive Zone	3 mm diameter diffractive array on the anterior surface utilizing EPS technology	
Haptic Design	Posterior vaulting fenestrated C-loops with 0° angulation	
PCO Prevention	360° sharp edge	
Shelf Life	3 years after sterilization	

INJECTION

Estimated Incision Size	2.2 - 2.4 mm
Compatible Injector	Medicel Accuject PRO 2.1 -1P Medicel Accuject 2.1 -1P

CONSTANTS
for optical and immersion ultrasound measurements

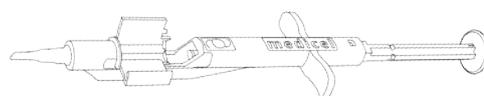
SRK/T A-Constant	Haigis	Hoffer Q
A = 118.828** (optimized)	a0 = 0.19** a1 = 0.192** a2 = 0.173**	pACD = 5.431**
Holladay I	Barrett Universal II	Holladay II
SF = 1.682**	LF = 1.79	ACD = 5.45 SF = 1.69

*Extreme powers available: +30.5 D → +35.0 D (0.5 D steps)
**Optimized constants based on more than 400 patients

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PRELOADED

Trifocal
LIBERTY[®]
Accuject PRO



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