

877PEY

Single piece, sterile, foldable aspheric hydrophobic acrylic intraocular lens (IOL) with UV blocker and blue light filter. The optic is EDOF. The IOL is available as part of a preloaded injector system.



 **YELLOW IOL**

POWER RANGE		
Standard Powers	+8.0 D → +30.0 D (0.5 D steps)	
Extreme Powers	+31.0 D → +35.0 D (1.0 D steps)	
MATERIAL		
Hydrophobic acrylic with UV blocker and blue light filter		
Refractive Index	1.47	
Abbe Number	58	
DESIGN		
Optic Diameter Overall Diameter	6 mm 13 mm	
Optic Design	Aspheric - Aberration Neutral Biconvex (+8.0 D → +30.0 D)	
Nominal A-constant	118.9	
EDOF Zone	Refraction-based central Wavefront Linking zones	
Haptic Design	Posterior vaulting fenestrated C-loops with 0° angulation	
PCO Prevention	360° sharp edge	
Shelf Life	2.5 years after sterilization	
INJECTION		
Estimated Incision Size	2.2 mm	
Compatible Injector	POB-MA SINGLE-USE PRELOADED INJECTOR	
CONSTANTS for optical and immersion ultrasound measurements		
SRK/T A-Constant	Haigis	Hoffer Q
A = 118.9	a0 = 1.32 a1 = 0.4 a2 = 0.1	pACD = 5.46
Holladay I	Barrett Universal II	Holladay II
SF = 1.7	LF = 1.83	ACD = 5.49 SF = 1.73

*measured in a 10 mm standard capsular bag simulator