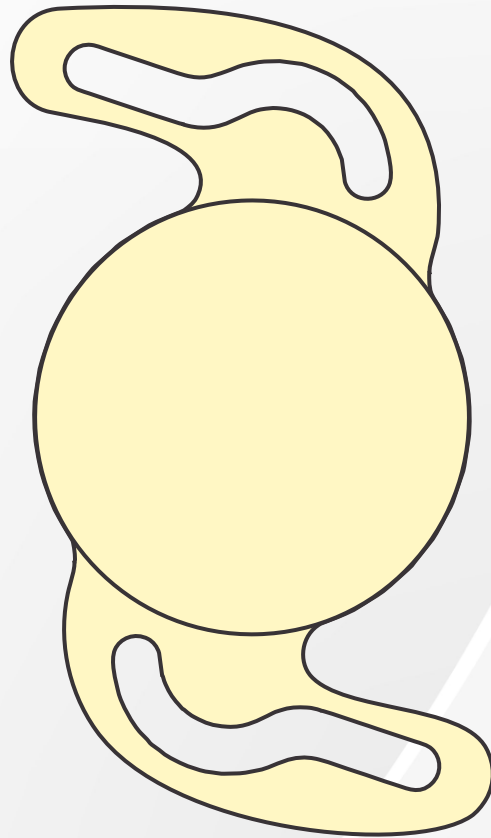


# Smart

Hydrophilic Acrylic Foldable IOL



**“Flex” Loop**

## KEY FEATURES :

Premium Aspheric IOL  
Advanced Yellow Material  
360° Square Edge

### The standard spherical IOL with SA>0 :

The IOL has positive power and spherical surface which when added to the positive aberrations induced by the cornea results in high amount of positive SA

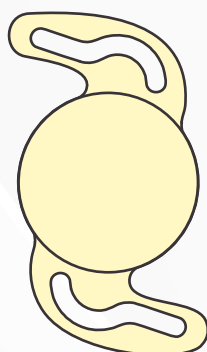
### Aspheric IOL with SA=0 :

The IOL leaves the pseudophakic eye with a modest amount of residual SA. This has an impact on contrast sensitivity.

### Aspheric IOL with SA<0:

This kind of IOL have negative spherical aberrations(-SA) which offsets all or part of positive SA of the average cornea

	Spherical Aberration (SA)	Cornea	Total SA	Image sharpness	Depth of focus
Standard IOL SA>0	+	+	++	Poor	+
Aspheric IOL SA=0	0	+	+	Good	+
Aspheric IOL SA<0	-	+	0	Excellent	0



• <b>Brand Name</b>	SMART
• <b>Model Name</b>	HCL1125606EYA
• <b>Optic Design</b>	Aspheric, Monofocal/360°Square Edge
• <b>Optic Diameter</b>	6.00 mm
• <b>Overall Diameter</b>	12.50mm
• <b>Haptic Design</b>	“Flex” Loop
• <b>A constant</b>	118.2
• <b>Refractive Index</b>	1.46
• <b>Haptic Angle</b>	5°
• <b>Material</b>	Yellow Hydrophilic Acrylic material

- Diopter 8 to 30 available (0.5 increment in 18D - 25D)