

CRYSTAL GOLD

HYDROPHILIC ACRYLIC ASPHERIC 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

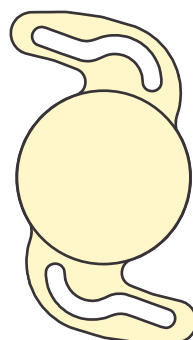
Aspheric IOL with SA=0 :

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



• Brand Name	Crystal Gold
• Model Name	HFL2125605NYA / YSQFL600ASP*
• Optic Design	Aspheric, Monofocal/360°Square Edge
• Optic Diameter	6.00 mm
• Overall Diameter	12.50mm
• Haptic Design	“Flex” Loop
• A constant	118.2
• Refractive Index	1.46
• Haptic Angle	0°
• Material	Yellow Hydrophilic Acrylic material

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