



EyeCee[®]
ONE
PRELOADED



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ONE
CRYSTAL PRELOADED



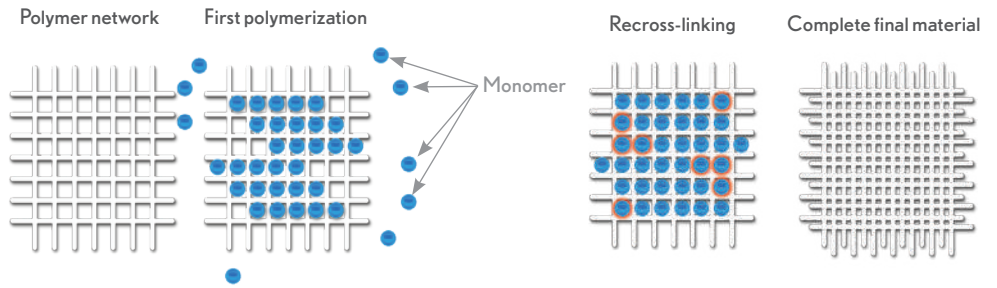
FULLY PRELOADED



Hydrophobic Acrylic IOL

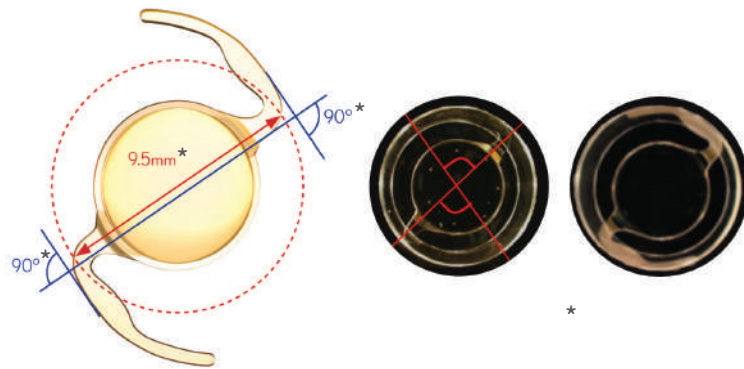
Stability of Material and Design

Unique double-polymerization manufacturing process to reduce risk of glistening



Unique haptic design to maximize intracapsular bag fixation and long-term stability

90° anchor wing haptic with large contact angle for optimized intra-capsular bag behaviour of the lens



Quality of Vision

Aspheric aberration-correcting optic for an improved quality of vision

Negative aspheric optic design ($-0.13 \mu\text{m}^*$) to compensate for positive corneal spherical aberrations (SA)

Asperitic optic edge to reduce glare phenomena¹

360° posterior square edge to reduce PCO^{2,3}

	EyeCee® ONE	Smooth Surface
Edge Surface		
Edge Glare		

* In-house data

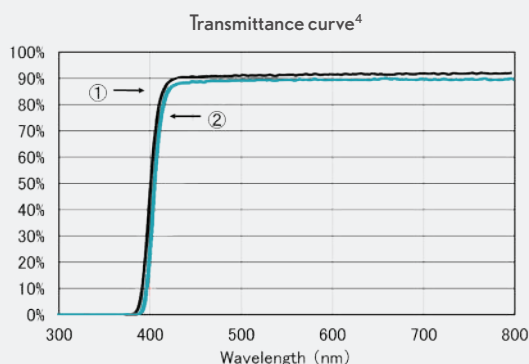
1. Data on file

2. Leydolt C, Schrieffl S, Schartmueller D, Menapace R. Comparison of the EyeCee® One with the Acrysof SN60WF Hydrophobic Acrylic Intraocular Lens: 3 Year-Results of a Randomized Trial. Paper presented at XXXIII Congress of the European Society of Cataract and Refractive Surgeons (ESCRS); September 5-9, 2015; Barcelona, Spain.

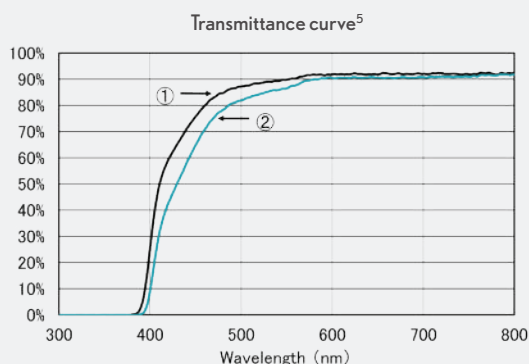
3. Kriechbaum K, Kruger R, Schartmueller D, Leydolt C, Piech S, Menapace R. Posterior capsule opacification and Nd:YAG rates at 3-years postoperative: comparison of two single-piece intraocular lenses (IOLs). Paper presented at XXXIV Congress of the European Society of Cataract and Refractive Surgeons (ESCRS); September 10-14; Copenhagen, Denmark.

Spectral Light Transmission

EyeCee® ONE CRYSTAL



EyeCee® ONE with moderate blue-light filter



Curve ①: Spectral Transmittance curve of a typical 1.0D IOL (thinnest).

Curve ②: Spectral Transmittance curve of a typical 30.0D IOL (thickest).

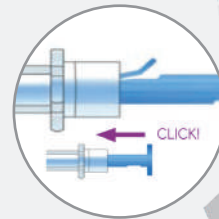
Ease of Use of the Preloaded System

An easy 2-step procedure with a short learning curve (please refer to the IFU and loading guide)

Step 1: Inject viscoelastic (please refer to the IFU)



Step 2: Slowly push the injector plunger until its wing comes to the standby position where there is a click (please refer to the loading guide)



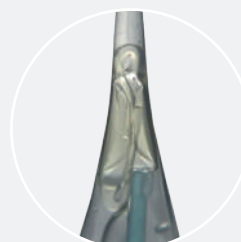
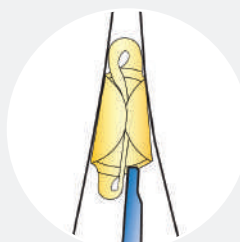
Ideal condition of the IOL in the plunger

Check the configuration of the haptics under microscope: both should be folded inside the optic. If so, the lens is properly folded and ready to inject within 20 seconds, through a 2.2mm sclerocorneal incision (please refer to the loading guide).



Safe IOL delivery into the capsular bag

- Smooth injection
- Controlled unfolding
- Single use
- Reduced overall procedure time



Specifications

Material

Hydrophobic acrylic
UV filter
Blue-light filter (for EyeCee® ONE only)
Refractive index: 1.52

Design

Overall diameter: 13.0 mm
Optic diameter: 6.0 mm
Non angulated modified C-loop
360° posterior square edge

Optic

Monofocal biconvex negative aspheric

Constants*

IOL Master
A constant SRK/T: 119.7
ACD: 6.0
Surgeon Factor: 2.13
Haigis Constant: $a_0: 1.675 / a_1: 0.40 / a_2: 0.10$
Barrett Design Factor: 0

Applanation A-scan
A constant: 119.1
ACD: 5.70
Surgeon Factor: 1.73

Operating room temperature

18-25°C

Diopter range EyeCee® ONE

Preloaded
+11.0D to +30.0 D (0.5 D steps)
Non preloaded
+1.0D to +10.0 D (1.0 D steps)
+10.5D

Order codes

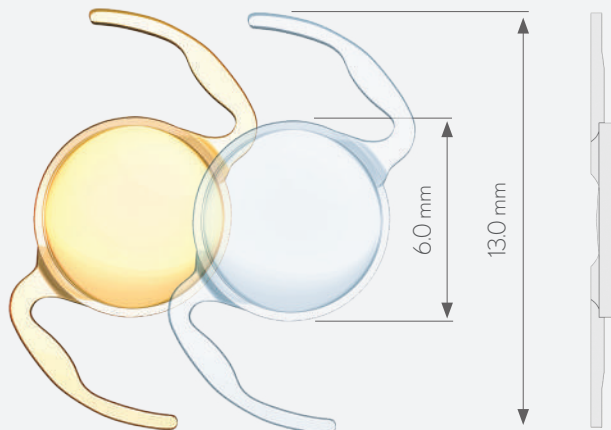
Preloaded EYEC1PRExxxx
Non preloaded EYEC1xxxx

Diopter range EyeCee® ONE CRYSTAL

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Non preloaded
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+10.5D

Order codes

Preloaded EYEC1CRYPRExxxx
Non preloaded EYEC1CRYxxxx



Contact your Bausch + Lomb representative to learn more about EyeCee® ONE and EyeCee® ONE CRYSTAL (preloaded and non preloaded).

*Constants are estimates only. It is recommended that each surgeon develops their own values.

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