



**TURN THE ORDINARY
INTO EXTRAORDINARY.**

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The Verion® Image Guided System is composed of the Verion® Reference Unit and the Verion® Digital Marker.

1. Alcon data on file.

Superior visualization¹ for every type of ophthalmic surgery

The LuxOR® LX3 Ophthalmic Microscope features the following unique technologies designed to optimize both anterior and posterior procedures.

Anterior Segment Procedures

- Expand visibility with a 6x-larger red reflex zone with greater stability than traditional focused light microscopes.¹
- A large depth of focus allows you to see more planes of the eye at once.¹
- Experience seamless integration with the Verion® Image Guided System, which provides digital markers and image-guided overlays right in your ocular.
- Monitor Centurion® Vision System surgical status on live video overlays via the rear control panel and external display.

Posterior Segment Procedures

- A large depth of focus allows you to see more planes of the eye at once.¹
- Utilize proprietary AMP technology to shift the beam splitter out of your optical path and increase light to the surgeon.
- Support your visualization of the retina and the limbus with the OCULUS BIOM®, wirelessly operated by the LuxOR® LX3 foot controller.

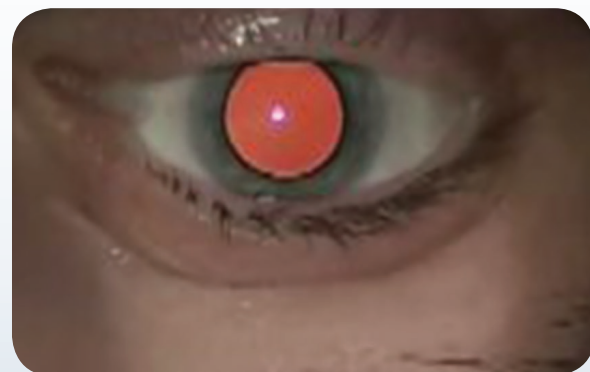
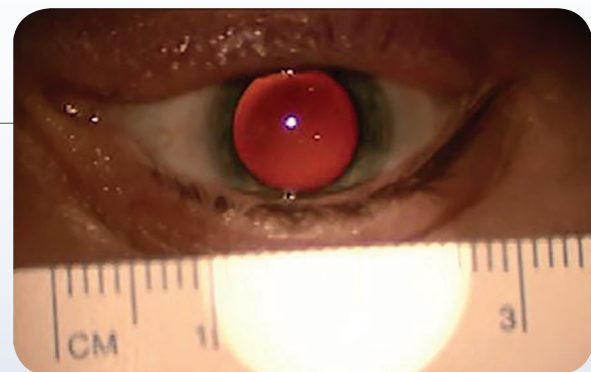


Experience unprecedented red reflex stability

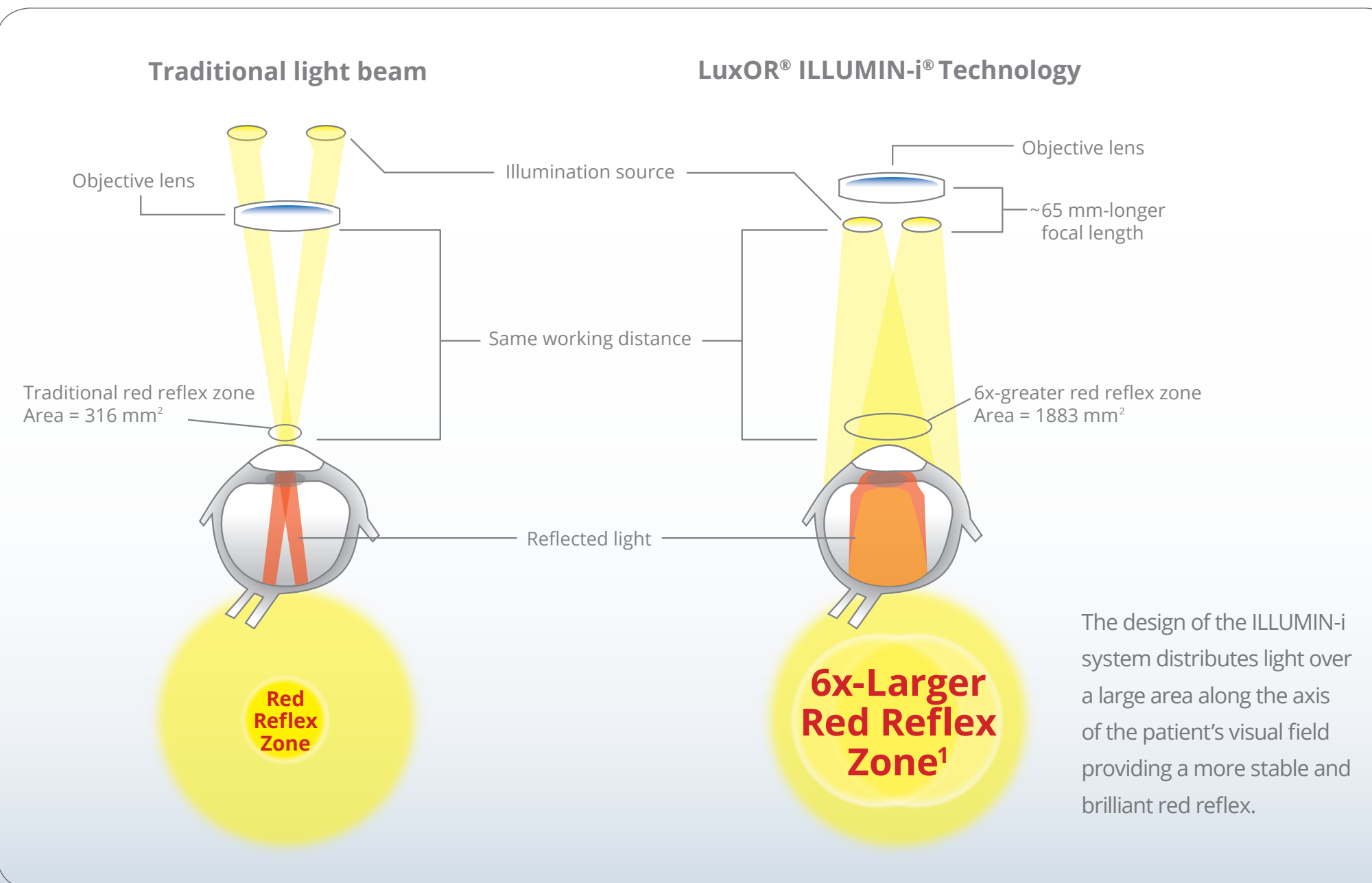
ILLUMIN-i® Technology transforms the focused-beam microscopes.

On traditional ophthalmic microscopes, the objective lens is positioned below the light source, so light beams focus down to a small point. But with proprietary ILLUMIN-i® Technology, the objective lens is positioned above the light source, so light beams remain nearly collimated. This innovative design provides:

- An expanded illumination field with a 6x-larger, highly stable red reflex zone¹
- Greater red reflex stability during patient eye movement¹
- Crisp visualization during every intraoperative phase



The larger red reflex zone is less susceptible to certain surgical variables, such as patient eye movement and other intraoperative maneuvers.



See more and adjust less with a greater depth of focus¹

With traditional microscopes, surgeons may have to refocus multiple times throughout the procedure, as various planes of the eye may require attention. But with ILLUMIN-i[®] Technology, the focal length between the lens and the patient's eye is increased by approximately 65 mm, resulting in:

- Crisp visualization of multiple planes of the eye at once
- Excellent detail recognition and contrast in every intraoperative phase
- Fewer focus adjustments for more efficient procedures

**You can see more
planes of the eye
at once.**



“What impressed me is the expanded field of view and red reflex. When choosing a surgical microscope, I had several excellent options. I chose the LuxOR[®] LX3.”

– Anthony W Evangelista, MD

Diagnostic Phase → Incision Phase → Phacoemulsification Phase → Intraoperative Aberrometry Phase → Implantation Phase

LuxOR® Ophthalmic Microscope

Your collaborative solution in every phase of the cataract procedure.

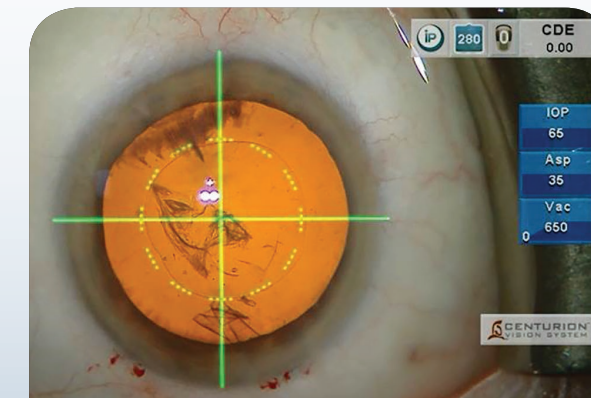


Receives Data

- The Verion® Image Guided System provides surgical tracking overlays that you'll see through your **LuxOR®** ocular during surgery.
- These digital overlays provide incision, capsulorhexis, centration and IOL positioning guidance.
- Capture incision information for later use with your **LuxOR® LX3 Microscope**.

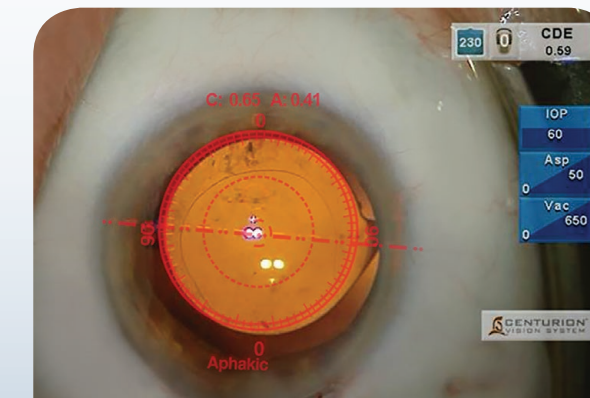
Superior Visualization¹

- Integrated video overlay with telemetry via the rear control panel and external display.



Reveals Data

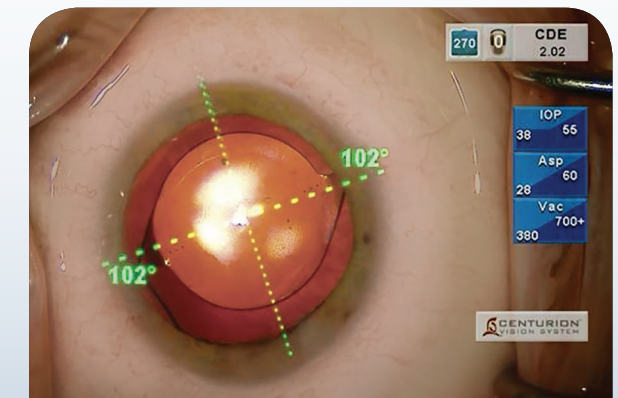
- The ORA™ System interfaces with your **LuxOR® LX3** via the provided dovetail.
- Get real-time data verification of your lens power, sphere, cylinder and axis choices through your ocular.



Superior Visualization¹

Reveals Data

- Use the digital overlays in your **LuxOR® LX3** ocular for more precise surgical execution.
- Improve your astigmatic guidance with incision and alignment overlays.



Efficient posterior procedures

OCULUS BIOM® provides the wide-angle viewing needed for vitreoretinal surgery.

- OCULUS BIOM® is designed to provide visualization of the retina and the limbus during extraocular phases of surgery.

The OCULUS BIOM® can be wirelessly integrated into the LuxOR® LX3 foot controller for convenience and efficiency.

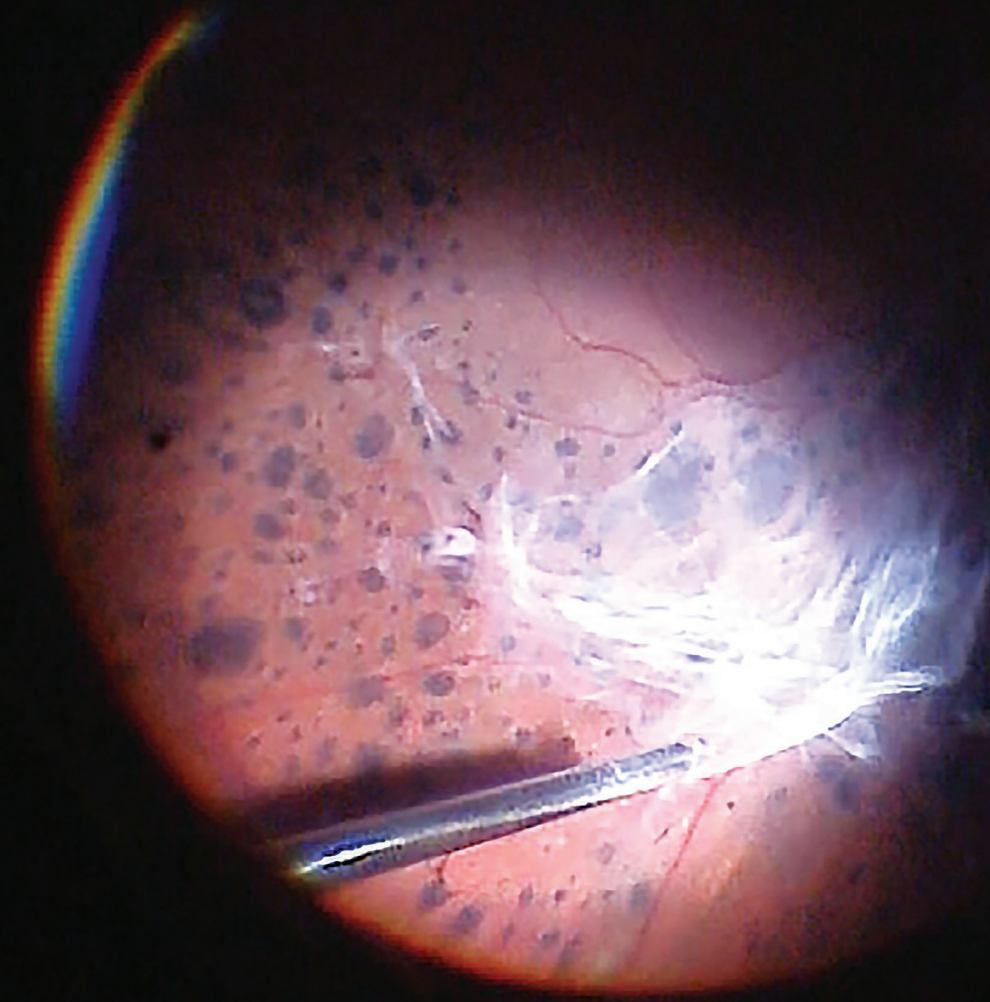


BIOM® 5c in working position



Exclusive AMP Technology provides more light during vitreoretinal procedures.

- The flip of a switch shifts the beam splitter plate out of your optical path.
- More light from the patient's eye is transmitted through the LuxOR® optics for exceptional visualization of the anatomical features in the posterior segment.



Engineered for a superior experience

The LuxOR® LX3 Microscope has been designed for optimal workflow, productivity and ease of use.

Rear Control Panel

- Integrated video and external video output
- Intuitive, customizable user interface
- Easy system preference changes
- Access to Centurion® Vision System overlays

360° Base Rotation

Rotation with extra-long reach allows easy access to the patient.



WIRELESS FOOT CONTROLLER

Customize microscope functions to your preferences

ON-BOARD VIDEO CAPABILITIES

Capture high-definition video

ON-BOARD STORAGE

For extra bulb and cables

TILT MECHANISM

Provides the angle needed for glaucoma procedures

LIBERO-XY™ COMMUNICATION SYSTEM

Full-color touch screen allows for easy system preference changes

Q-VUE™ ASSISTANT SCOPE

A 3-D stereo assistant scope with an independent light path





**“Amazing image from the LuxOR® Microscope . . .
I am loving this great red reflex.”** – Dr. Richard Tipperman



**Request a demo of the LuxOR®
LX3 Ophthalmic Microscope to see
how superior visualization¹ can
help enhance the procedure.**

LuxOR®
OPHTHALMIC MICROSCOPE