



SUPERIOR VISUALIZATION!



SUPERIOR TECHNOLOGY FOR SUPERIOR VISUALIZATION¹

Only the LuxOR™ LX3 with Q-VUE™ Ophthalmic Microscope features all of the following unique technologies during every type of ophthalmic surgery:

- **ILLUMIN-i® technology** delivers a 6x-larger, highly stable red reflex zone and a greater depth of focus¹
- **New LX3 floor stand** combines increased mobility and functional design to improve surgeon and staff experience
- **Q-VUE™ Assistant Visualization** provides a 3-D stereo assistant scope that takes no light from the surgeon's optical pathway
- **AMP™ technology** delivers more light during retinal procedures



LuxOR™ LX3 with Q-VUE™
Ophthalmic Microscope



Q-VUE™ ASSISTANT VISUALIZATION PROVIDES A 3-D STEREO ASSISTANT SCOPE

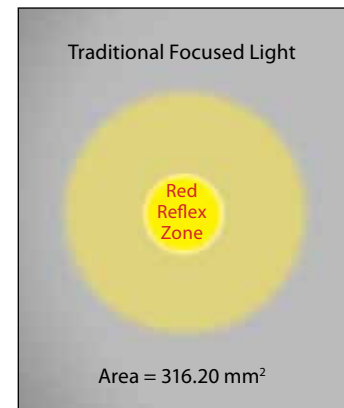
- Utilizes four independent optical pathways
- Maintains a 100% light transmission for the surgeon and assistant
- Features an independent magnification changer
- Swivels 180° for positioning convenience



ILLUMIN-i® TECHNOLOGY

EXPERIENCE UNPRECEDENTED RED REFLEX STABILITY¹

On traditional ophthalmic microscopes, the objective lens is positioned below the light source, so light beams pass through the lens and focus down to a point. The illuminated area is relatively small, making red reflex more susceptible to patient movement and other variables.



With proprietary ILLUMIN-i® technology, however, the objective lens on LuxOR™ Microscopes is positioned above the light source, so light beams remain collimated instead of focused. These collimated beams illuminate an expanded visual field, delivering:

- Expanded visual field with a 6x-larger, highly stable red reflex zone¹
- Greater depth of focus without increasing working distance¹
- Crisp visualization during every intraoperative phase



The larger red reflex is less susceptible to patient movement and other surgical variables.

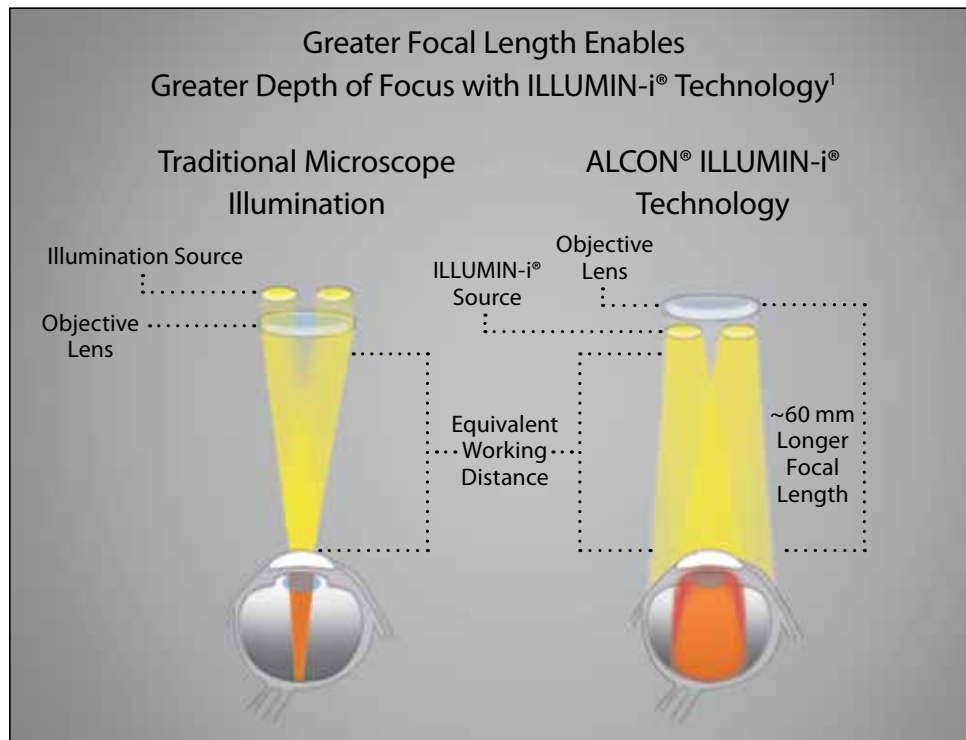


SEE MORE THAN EVER BEFORE WITH GREATER DEPTH OF FOCUS¹

Standard microscopes can only focus on a small cross-section of the eye at any given time. This requires surgeons to readjust focus multiple times as deeper planes are reached throughout the procedure.

Raising the objective lens above the light source, ILLUMIN-i[®] technology increases the focal length between the lens and the patient's eye by approximately 65 mm¹. Greater focal length equates to greater depth of focus, so ILLUMIN-i[®] technology enables:

- Exceptionally superior visualization of the entire chamber at once
- Unprecedented detail recognition and contrast in every intraoperative phase
- Less focus adjustment for more efficient procedures



And because the positioning of the light source and the objective lens is simply swapped, you get superior visualization¹ without changing the working distance between the microscope and your patient.

AMP™ TECHNOLOGY

GET MORE LIGHT DURING VITREORETINAL PROCEDURES²

Ideal for work in the posterior capsule, patented AMP technology is available exclusively on LuxOR™ Ophthalmic Microscopes:

- The flip of a switch shifts the beam splitter plate out of your optical path
- 100% of the retro-illuminated light from the patient's eye is transmitted back through the optics
- Superior visualization of the retina



Plus, variable red reflex control enables surgeons to customize their view for any procedure requiring less light intensity.

LIBERO-XY™ AND HEADS-UP DISPLAY A COMMUNICATION SYSTEM WITH AN EASY-TO-USE INTERFACE

- The LIBERO-XY™ Communication System allows for quick and easy system preference changes for a more efficient set-up
- The Heads-Up Display works with the VERION™ Image Guided System and provides image-guided overlays of patient-specific data

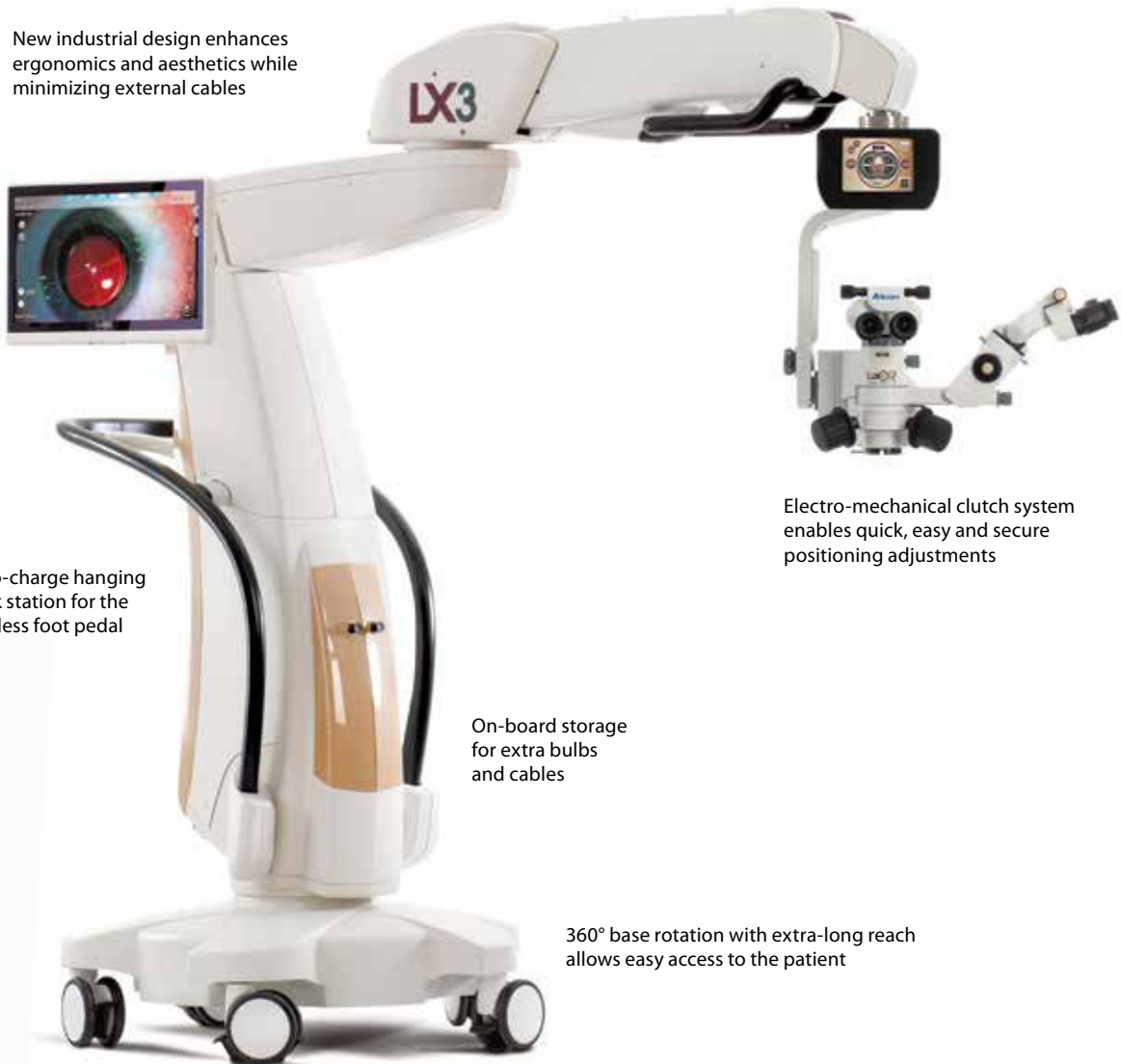


THE NEW LX3 FLOOR STAND

DISCOVER THE IDEAL COMBINATION OF PERFORMANCE AND CONVENIENCE

With increased mobility and functional design, the new LuxOR™ LX3 Microscope Floor Stand is engineered to optimize surgeon and staff experience in the OR.

New industrial design enhances ergonomics and aesthetics while minimizing external cables



Auto-charge hanging dock station for the wireless foot pedal

Electro-mechanical clutch system enables quick, easy and secure positioning adjustments

On-board storage for extra bulbs and cables

360° base rotation with extra-long reach allows easy access to the patient

A PLATFORM FOR ADVANCEMENT

ONLY ALCON OFFERS A FULL SUITE OF LEADING SURGICAL TECHNOLOGIES

As part of The Cataract Refractive Suite by Alcon, the LuxOR™ LX3 Ophthalmic Microscope works with the VERION™ Image Guided System to optimize every part of the cataract procedure:



Only the LuxOR™ LX3 with Q-VUE™ Ophthalmic Microscope from Alcon maximizes visibility during any type of ophthalmic surgery. Contact your Alcon representative to learn more about the difference superior visualization can make in your procedures.

The VERION™ Image Guided System is composed of the VERION™ Reference Unit and the VERION™ Digital Marker.

1. Alcon data on file.
2. Compared to standard illumination system.

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THE CATARACT REFRACTIVE SUITE BY ALCON