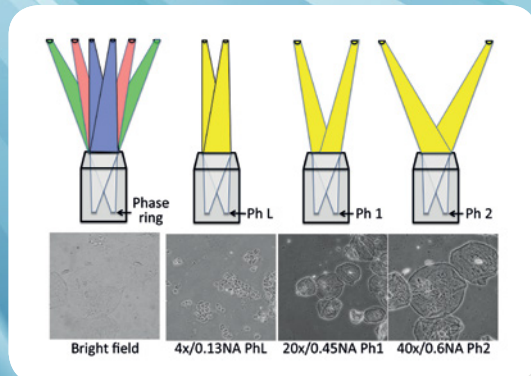


AURAPHASE CONTRAST ILLUMINATOR

DATASHEET

Ultra long-distance phase contrast for inverted microscopes



The Cairn Aura phase contrast illuminator allows true Zernike phase contrast with a working distance (up to 180 mm clear working space!) for your most demanding experiments. Based on concentric rings of super-bright LEDs, the Aura system provides the simplest possible alignment, the highest-quality phase contrast images, and is directly compatible with the best modern inverted research microscopes for electrophysiology, live cell imaging, and multimodal time lapse experiments. Aura allows turn-key PhL, Ph1, and Ph2 imaging in white light or the near infrared, and integrates with your existing system through Cairn's flexible timing and control systems.

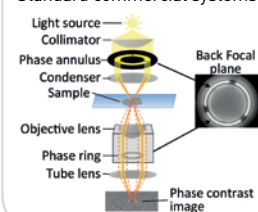
APPLICATIONS

- Electrophysiology
- Live cell imaging
- Time-lapse and multimodal integration
- Simultaneous transmitted light and fluorescence
- Simultaneous high speed and high resolution

KEY BENEFITS

- Ultra long working distance for enhanced access
- Integrates with existing systems from Nikon & Olympus
- Simple and consistent alignment
- White light or NIR illumination for multimodal imaging
- Consistent imaging excellence in your multi-user environment

Standard commercial systems



Cairn Aura Illuminator

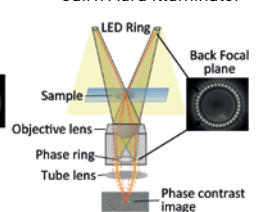


DIAGRAM DEMONSTRATING WORKING DISTANCE COMPARISON BETWEEN STANDARD CONDENSER AND AURA SYSTEM