

# Olympus PLN 10X, Ph1, Phase Contrast Objective



Stock #86-935 NEW 1 In Stock

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+

€630<sup>,00</sup>

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Product Downloads

| General              |               |
|----------------------|---------------|
| PLN10XPH             | Model Number: |
| Microscope Objective | Type:         |
| Phase Contrast       | Style:        |
| Olympus              | Manufacturer: |
| Note:                |               |

Requires Ph1 phase annulus for phase contrast observation

Physical & Mechanical Properties

|       |                                |
|-------|--------------------------------|
| 2.2   | Field of View (mm):            |
| 34.27 | Length excluding Threads (mm): |
| 24    | Maximum Diameter (mm):         |

Optical Properties

|       |                                        |
|-------|----------------------------------------|
| N/A   | Compatible Cover Glass Thickness (mm): |
| 18.00 | Focal Length FL (mm):                  |
| 10X   | Magnification:                         |
| 0.25  | Numerical Aperture NA:                 |
| 1.34  | Resolving Power (µm):                  |
| 4.40  | Depth of Field (µm):                   |
| 10.6  | Working Distance (mm):                 |
| 22    | Field Number (mm):                     |
| 45    | Parfocal Length (mm):                  |
| N/A   | Immersion Liquid:                      |
| 440   | Depth of Focus (µm):                   |

Threading & Mounting

|                        |                   |
|------------------------|-------------------|
| RMS / 20.32mm x 36 TPI | Mounting Threads: |
|------------------------|-------------------|

Regulatory Compliance

|                      |                             |
|----------------------|-----------------------------|
| <a href="#">View</a> | Certificate of Conformance: |
|----------------------|-----------------------------|

Product Details

- Flat-Field Plan Achromat Design for Sharp, Distortion-Free Images
- Precision Phase Ring Matching (Ph1, Ph2, Ph3) For Optimal Contrast
- Available In Multiple Magnifications (10X, 20X, 40X) Plus A 100X Oil Immersion Option
- Optimized For the UIS2 Optical System, Ensuring Seamless Integration with Olympus CX43

Olympus PLN Phase Contrast Objectives provide high-performance imaging for precise cellular analysis on the [Olympus CX43](#) microscope. These objectives are engineered for accurate phase contrast imaging across magnifications, offering excellent contrast and flat-field correction. Designed specifically for the UIS2 optical system, they deliver sharp, high-clarity images ideal for live, unstained specimens. Olympus PLN Phase Contrast Objectives, such as the 10XPh1 ([#86-935](#)) and 100XPh3 oil ([#87-013](#)), ensure reliable results across a wide range of biological applications. Their consistent quality and compatibility with standard Olympus phase contrast condensers make them a trusted choice for professional labs.