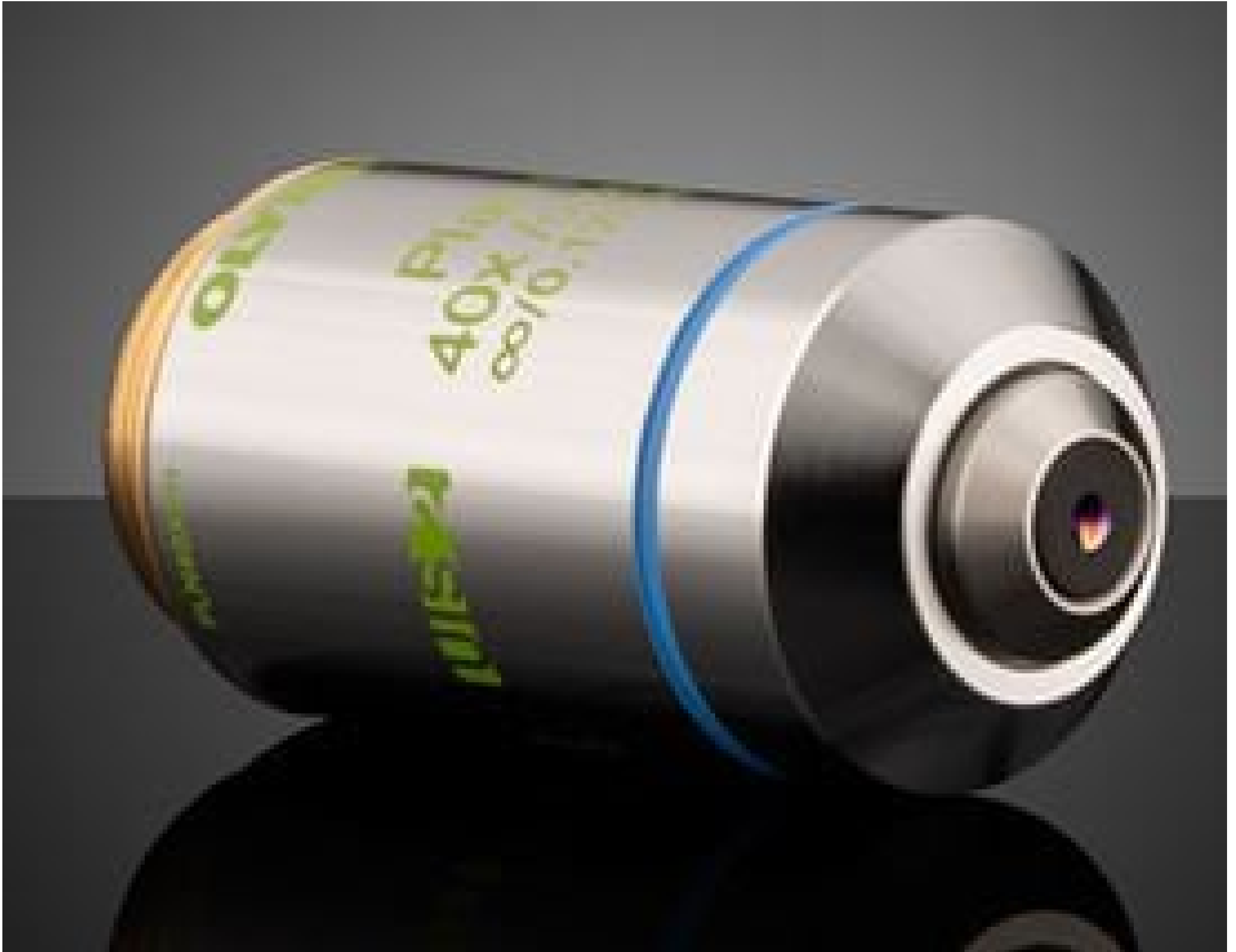


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Olympus PLN 40X, Ph2, Phase Contrast Objective



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General

PLN40XPH **Model Number:**

Microscope Objective **Type:**

Phase Contrast **Style:**

Olympus **Manufacturer:**

Note:
Requires Ph2 phase annulus for phase contrast observation

Physical & Mechanical Properties

0.55 **Field of View (mm):**

44.27 **Length excluding Threads (mm):**

24 **Maximum Diameter (mm):**

Optical Properties

0.17 **Compatible Cover Glass Thickness (mm):**

4.50 **Focal Length FL (mm):**

40X **Magnification:**

0.65 **Numerical Aperture NA:**

0.52 **Resolving Power (μm):**

0.65 **Depth of Field (μm):**

0.6 **Working Distance (mm):**

22 **Field Number (mm):**

45 **Parfocal Length (mm):**

N/A **Immersion Liquid:**

1041 **Depth of Focus (μm):**

5.85 **Entrance Pupil Diameter (mm):**

Threading & Mounting

RMS / 20.32mm x 36 TPI **Mounting Threads:**

Regulatory Compliance

[View](#) **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 10X Ph1 ([#86-935](#)) and 100X Ph3 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.