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Olympus PLN 10X, Ph1, Phase Contrast Objective



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MRP ₹66,906

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General

PLN10XPH **Model Number:**

Microscope Objective **Type:**

Phase Contrast **Style:**

Olympus **Manufacturer:**

Note:
Requires Ph1 phase annulus for phase contrast

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):**

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

Threading & Mounting

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

Regulatory Compliance

[View](#) **Certificate of Conformance:**

Japan **Country of Origin:**

Imported By:
Edmund Optics India Private Limited
267, Greystone Building, Second Floor,
6th Cross Rd, Binnamangala,
Stage 1, Indiranagar, Bengaluru,
Karnataka, India 560038
Phone: +91- 80-6845 0000

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.