

Olympus PLN 10X, Ph1, Phase Contrast Objective



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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:
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Regulatory Compliance

View	Certificate of Conformance:
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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.