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Olympus LUCPLFLN60X2 60X Objective

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General

Model Number:
LUCPLFLN60X2

Compatible Tube Lens Focal Length (mm):
Focal Length: 180mm

Type:
Microscope Objective

Style:
Infinity Corrected

Manufacturer:

Physical & Mechanical Properties

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

42.60

Length excluding Threads (mm):

29.00

Maximum Diameter (mm):

138

Weight (g):

138

Optical Properties

0.10 - 1.30 **Compatible Cover Glass Thickness (mm):**

3.00

Focal Length FL (mm):

60X

Magnification:

0.70

Numerical Aperture NA:

0.48

Resolving Power (μm):

0.56

Depth of Field (μm):

1.50 - 2.20

Working Distance (mm):

340 - 1300

Wavelength Range (nm):

26.5

Field Number (mm):

45

Parfocal Length (mm):

N/A

Immersion Liquid:

4.20

Entrance Pupil Diameter (mm):

4.20

Threading & Mounting

Mounting Threads:

RMS / 20.32mm x 36 TPI

Regulatory Compliance

RoHS 2015:

[Exempt](#)

Certificate of Conformance:

[View](#)

Reach 247:

[Contains SVHC\(s\)](#)

Country of Origin:

Japan

Imported By:

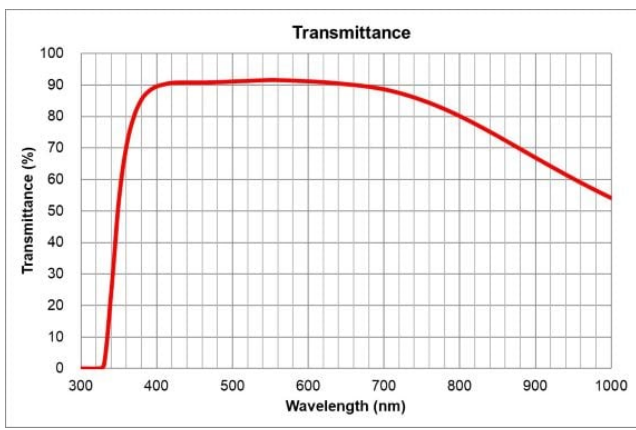
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Product Details

- Long Working Distances to Image Through Dishes, Bottles, or Slides
- Correction Collars to Precisely Adjust Working Distance
- Ideal for Inverted Microscope Configurations

Olympus Long Working Distance Plan Semi Achromatic Objectives are designed for long working distances to image samples through dishes, bottles, slides, or other vessels. These objectives feature correction collars to precisely adjust the working distance based on thickness of the vessel to obtain clear specimen images. They offer a large field number of 26.5, transmission from the UV to the NIR, and correct for chromatic aberration at blue, green and red wavelengths. Olympus Long Working Distance Plan Semi Achromatic Objectives are ideal for use with inverted microscope configurations, including standard microscopes or custom inverted setups.

Technical Information



LUCPLFLN60X2 Transmission Graph