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# Olympus UPLFLN 40X Objective

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Olympus UPLFLN 40X Objective

Stock #86-820 **5 In Stock**

1  MRP ₹1,66,734

**1** Price inclusive of all taxes

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## Product Downloads

### General

UPLFLN40X **Model Number:**

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

Microscope Objective **Type:**

Infinity Corrected **Style:**

Olympus **Manufacturer:**

## Physical & Mechanical Properties

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

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

26 **Maximum Diameter (mm):**

118 **Weight (g):**

## Optical Properties

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

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

40X **Magnification:**

0.75 **Numerical Aperture NA:**

0.45 **Resolving Power ( $\mu\text{m}$ ):**

0.49 **Depth of Field ( $\mu\text{m}$ ):**

0.51 **Working Distance (mm):**

380 - 900 **Wavelength Range (nm):**

26.5 **Field Number (mm):**

45 **Parfocal Length (mm):**

N/A **Immersion Liquid:**

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

## Threading & Mounting

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

## Regulatory Compliance

[Exempt](#) **RoHS 2015:**

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

[Contains SVHC\(s\)](#) **Reach 247:**

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

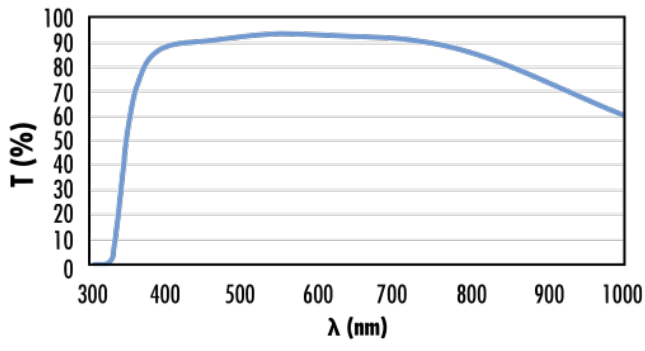
## Product Details

- Ideal for Brightfield, Darkfield, DIC, Fluorescence, or Polarization Microscopy
- Excellent Transmission in the UV
- High Numerical Apertures and Oil Immersion Options Available
- Additional [Olympus Infinity Corrected Objectives](#) Available

Olympus Plan Fluorite Objectives are multi-purpose objectives that utilize advanced multi-coatings to provide excellent flat field images from the UV to NIR. The objectives offer high signal-to-noise ratios, excellent resolution, and high contrast imaging capability. These objectives are ideal for brightfield microscopy or Nomarski differential interference contrast (DIC) observations, in addition to darkfield or fluorescence microscopy, or specific polarization techniques. Olympus Plan Fluorite Objectives are available in 4X up to 100X magnification. High Numerical Apertures and Oil Immersion options are available. Additional [Olympus Infinity Corrected Objectives](#) are also offered.

## Technical Information

#86-820



Using Olympus Objectives with C-Mount Cameras



|                             | Stock #                | A    | B    | C   | D    | E    | F    | G   |
|-----------------------------|------------------------|------|------|-----|------|------|------|-----|
| UPLFLN 4X                   | <a href="#">86-817</a> | 27.9 | 2.8  | 0.0 | 18.0 | 18.0 | 24.0 | 4.5 |
| UPLFLN 10X                  | <a href="#">86-818</a> | 34.9 | 10.1 | 0.0 | 13.6 | 13.6 | 24.0 | 4.5 |
| UPLFLN 20X                  | <a href="#">86-819</a> | 42.8 | 5.3  | 2.3 | 9.4  | 15.8 | 26.0 | 4.5 |
| UPLFLN 40X                  | <a href="#">86-820</a> | 44.4 | 5.1  | 4.0 | 8.5  | 16.0 | 26.0 | 4.5 |
| UPLFLN 60X                  | <a href="#">86-822</a> | 44.7 | 5.2  | 2.7 | 8.6  | 17.0 | 29.0 | 4.7 |
| UPLFLN 100X (Oil Immersion) | <a href="#">86-823</a> | 44.7 | 5.5  | 3.0 | 7.0  | 17.2 | 28.0 | 4.5 |

