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60X Objective, S Plan Fluor ELWD

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Product Downloads

General

Model Number:
MRH08630

Compatible Tube Lens Focal Length (mm):
Focal Length: 200mm

Type:
Microscope Objective

Style:
Infinity Corrected

Manufacturer:
Nikon

Physical & Mechanical Properties

Field of View (mm):
0.37

Length excluding Threads (mm):
57.41

Maximum Diameter (mm):
31.5

Weight (g):
165

Optical Properties

Compatible Cover Glass Thickness (mm):
0.1-1.3

Horizontal Field of View, 1/2" Sensor:
0.107

Horizontal Field of View, 2/3" Sensor:
0.147

Magnification:
60X

Numerical Aperture NA:
0.70

Working Distance (mm):
1.8-2.6

Field Number (mm):
22

Parfocal Length (mm):
60.41

Immersion Liquid:
N/A

Sensor

Maximum Sensor Format:
2/3"

Threading & Mounting

Mounting Threads:
M25 x 0.75

Regulatory Compliance

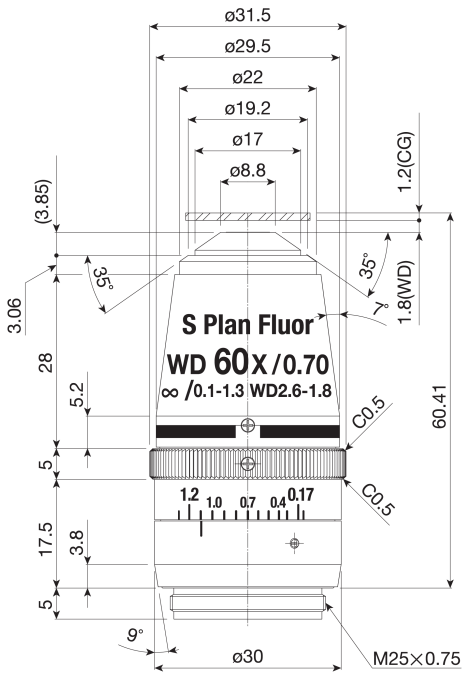
Certificate of Conformance:
View

Product Details

- Extra-Long Working Distance (ELWD)
- Broad Spectral Transmittance
- Versatility in Observation Modes

Nikon CFI S Plan Fluor ELWD Objectives are designed with an extra-long working distance to allow for high-resolution imaging of large samples and culture vessels of varying thicknesses. With broad spectral transmittance, from near-ultraviolet to near-infrared wavelengths, these objectives enable versatile imaging across multiple advanced microscopy techniques. These objectives allow for greater flexibility and protect delicate specimens during observations by not requiring immersion media. Nikon CFI S Plan Fluor ELWD Objectives are available in a variety of magnifications and support common observation modes, including brightfield, darkfield, DIC, phase contrast, and polarizing microscopy. These objectives are ideal for general fluorescence, brightfield, calcium imaging, and DIC applications.

Technical Information


ø31.5
ø29.5
ø22
ø19.2
ø17
ø8.8
1.2(CG)
(3.85)
35°
35°
γ°
1.8(WD)
3.06
S Plan Fluor
WD 60X/0.70
∞/0.1-1.3 WD2.6-1.8
28
5.2
C0.5
60.41
5
C0.5
1.2 1.0 0.7 0.4 0.17
17.5
3.8
5
9°
ø30
M25×0.75