

Carl Zeiss Objectives Information

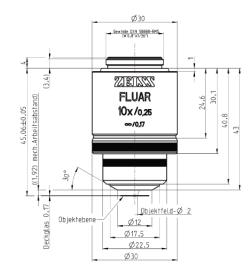
- → Description of Classes of Objectives
- ➔ Objectives Text Search

→ Transmittance curve	Objective "Fluar" 10x/0.50 440135-0000-000	Objective Class: Fluar Widest ap
Magnification	10x	already fr
Numerical Aperture	0.5	
Working Distance [mm]	1.9	Research Transfer
Coverglass Thickness [mm]	0.17	SCENE
Thread Type	W0.8x1/36"	
Immersion	Without Immersion	Mechanical Dimensions
Field of View [mm]	23	
Parfocal Length [mm]	45.06	
Long Distance [LD]		
Correction Ring [Korr]		Gevind (W
Iris [Iris]		
	Infinity-Color-Corrected	
Optical System	System (ICS)	
Flatness	*	0 02 02 02 02 02 02 02 02 02 02 02 02 02
Color Correction	*	45.06±0.05 Arbeitsabsit
Biomedical Applications		45.106±0.05 meth.Arbeitsabstand
Fluorescence		
- Multichannel	*	30°
- Ultraviolet Transmission	*****	
- Infra Red Transmission	****	
BrightField [H]	•	Objektebene
Differential Interference Contrast [DIC]	*	
High Contrast DIC [HC DIC]		
Polarization-Optical DIC [PlasDIC]		
Phase Contrast [PH]		All measures in [mm]
VAREL Contrast		mech.Arbeitsabstand = m
Hoffman Modulation Contrast [HMC]		Deckglas = cover glass
Polarization Contrast [POL]		Objektebene = object plar Objektfeld = object field
Materials- (Reflected Light) Application	ons	Ausleuchtung = illuminatio
BrightField [H]		Probenzugänglichkeit = sp
BrightField/DarkField [HD]		
Reflecting Light DIC [RL DIC]		Transmittance curve
High Contrast DIC [HC DIC]		S 100 +
Circular polarized light DIC [C-DIC]		90 +
Total Interference Contrast [TIC]		
Polarization Contrast [POL]		
Recommended for:		10 10 10 10 10 10 10 10 10 10
Confocal Microscopy		
- Ultra Violet	****	
- VIS (visible light)	***	300 400 500 600
NLO-IR / 2 Photon		Have
Total Internal Reflection Fluorescence [TIRF]		Please note that due to pr
ApoTome		given values are typical or
Microdissection		
	_	

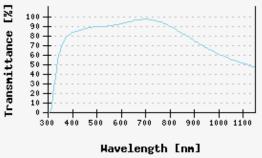
凸 Print → back to selection

apertures, high transmission from 340nm

S



mechanical working distance ane ion specimen accessibility



production tolerances, the only and not guaranteed.

Note

The recommended adapter M27x0.75 / W0.8 H"0" does only fit with objectives, that have a [1] printed behind the order number 440135.

Fitting Accessories for

440135-0000-000 Objective "Fluar" 10x/0.50

DIC slider

DIC slider Fluar 10x/0.50 II Condensor prism type II 426942-0000-000

→ Picture

Other Accessories

Adapter M 27x0.75 / W 0.8 H "0"

000000-1095-168

→ Picture

© Copyright 2005-2006 by Carl Zeiss. Subject to change without notice.