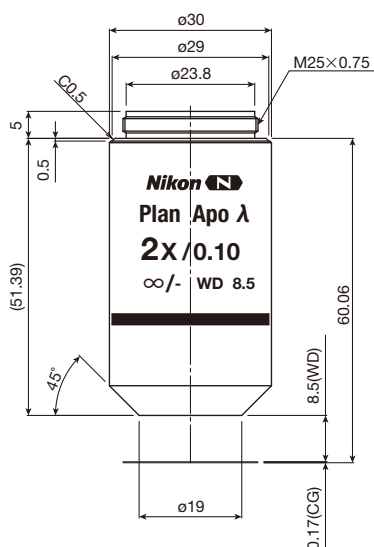
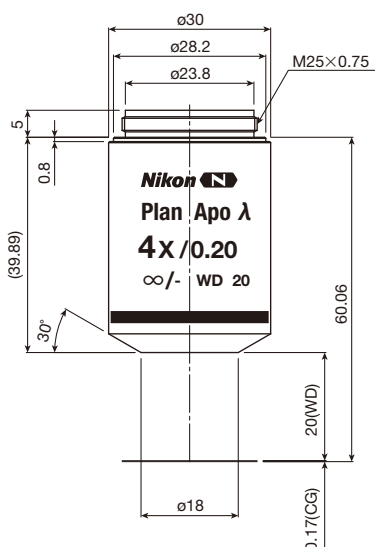


# CFI Plan Apochromat Lambda Series for Brightfield/Phase Contrast (DM)

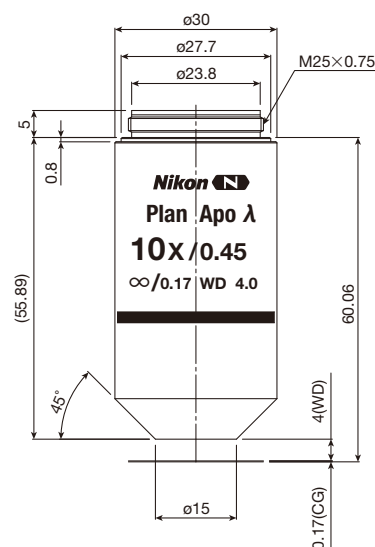
The ultra-low, refractive index coating technology “Nano Crystal Coat” enables the Lambda series’ remarkably high transmission throughout a broad range of wavelengths up to the near-IR region. As chromatic aberrations are corrected throughout a wavelength range from visible to near infrared, bright, high-contrast images are captured during long-wavelength imaging, which is less phototoxic to live-cells. Moreover, the unmatched chromatic aberration correction, resolution and image flatness of the Lambda series ensure the capture of high-quality brightfield images.



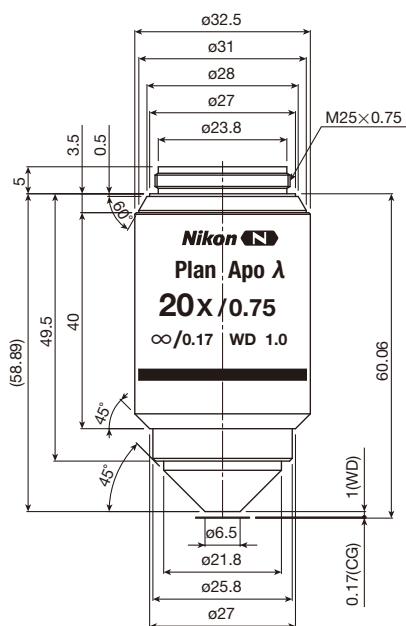
CFI Plan Apochromat Lambda 2X



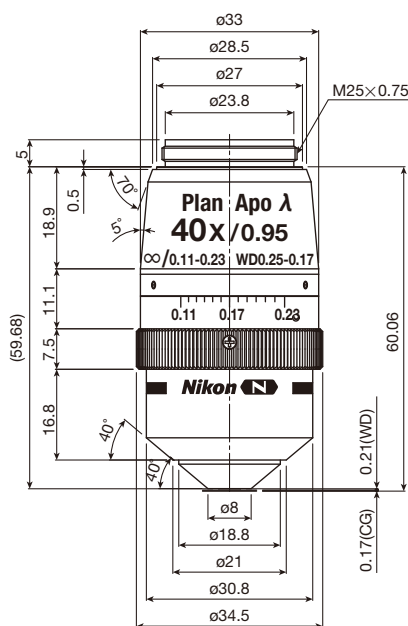
CFI Plan Apochromat Lambda 4X



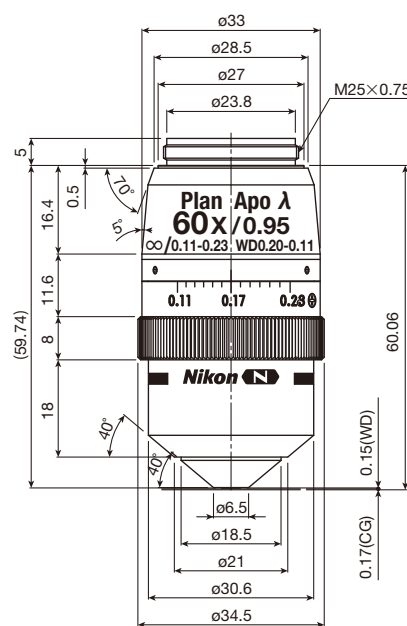
CFI Plan Apochromat Lambda 10X



CFI Plan Apochromat Lambda 20X  
CFI Plan Apochromat DM Lambda 20X



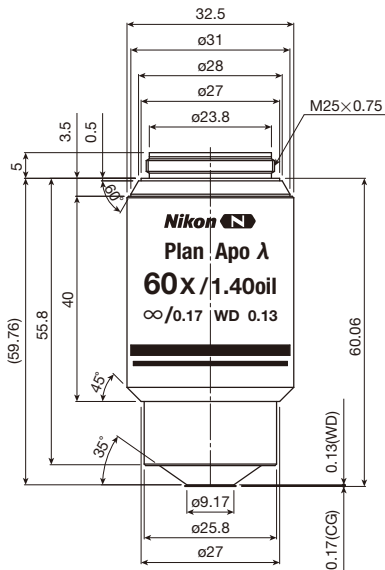
CFI Plan Apochromat Lambda 40XC  
CFI Plan Apochromat DM Lambda 40XC



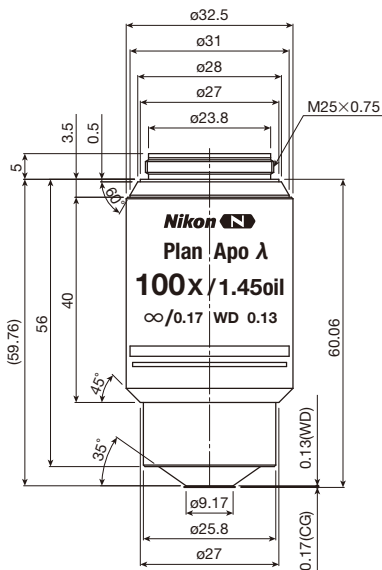
CFI Plan Apochromat Lambda 60XC  
CFI Plan Apochromat DM Lambda 60XC

# CFI60 Objectives

## CFI Plan Apochromat Lambda Series for Brightfield/Phase Contrast (DM)



**CFI Plan Apochromat Lambda 60X Oil**  
**CFI Plan Apochromat DM Lambda**  
**60X Oil**



**CFI Plan Apochromat Lambda**  
**100X Oil**  
**CFI Plan Apochromat DM Lambda**  
**100X Oil**

Code.No	Objectives	NA	W.D. (mm)	Physical depth of focus (μm)	Actual field of view (ømm)	Weight (g)	Remarks	Phase ring
MRD00025	CFI Plan Apochromat Lambda 2X	0.10	8.50	27.50	12.50	180		
MRD00045	CFI Plan Apochromat Lambda 4X	0.20	20.00	6.88	6.25	180		
MRD00105	CFI Plan Apochromat Lambda 10X	0.45	4.00	1.36	2.50	220		
MRD00205	CFI Plan Apochromat Lambda 20X	0.75	1.00	0.49	1.25	240	Spring-loaded	
MRD30205	CFI Plan Apochromat DM Lambda 20X	0.75	1.00	0.49	1.25	240	Spring-loaded	Ph2
MRD00405	CFI Plan Apochromat Lambda 40XC	0.95	0.21 (0.27-0.15)	0.30	0.63	270	Spring-loaded Cover glass correction 0.11–0.23mm	
MRD30405	CFI Plan Apochromat DM Lambda 40XC	0.95	0.21 (0.27-0.15)	0.30	0.63	270	Spring-loaded Cover glass correction 0.11–0.23mm	Ph2
MRD00605	CFI Plan Apochromat Lambda 60XC	0.95	0.15 (0.21-0.09)	0.30	0.42	285	Spring-loaded Cover glass correction 0.11–0.23mm	
MRD30605	CFI Plan Apochromat DM Lambda 60XC	0.95	0.15 (0.21-0.09)	0.30	0.42	285	Spring-loaded Cover glass correction 0.11–0.23mm	Ph2
MRD01605	CFI Plan Apochromat Lambda 60X Oil	1.40	0.13	0.21	0.42	285	Spring-loaded	
MRD31605	CFI Plan Apochromat DM Lambda 60X Oil	1.40	0.13	0.21	0.42	285	Spring-loaded	Ph3
MRD01905	CFI Plan Apochromat Lambda 100X Oil	1.45	0.13	0.20	0.25	245	Spring-loaded	
MRD31905	CFI Plan Apochromat DM Lambda 100X Oil	1.45	0.13	0.20	0.25	245	Spring-loaded	Ph3