

RT-APO/VIS-NIR/0.13

Art.Nr.: 1012271

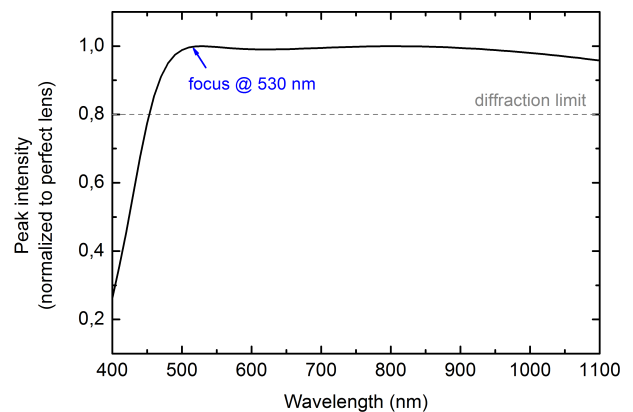
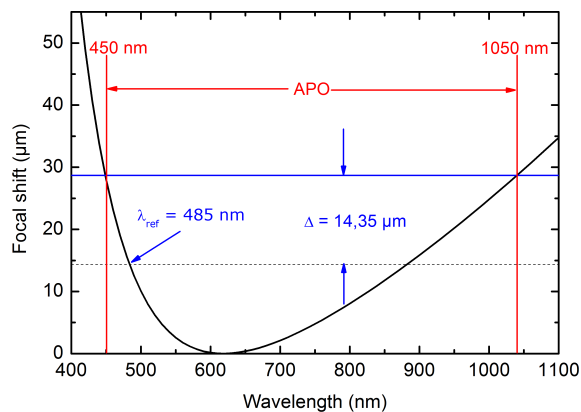
Technical Specifications

Optical Data	
clear aperture	4.7 mm
focal length	18 mm
numerical aperture(NA)	0.13
working distance	6.5 mm
Spectral Performance	
AR coating (> 80% transmission)	400 .. 1000 nm
apochromatic range (df < +/- delta)	450 .. 1050 nm ⁽¹⁾
Compatibility	
environment	/RT
compatible setups	LT/APO/VIS, LT/APO/VISIR, LT/APO/NIR
Size and Dimensions	
diameter	17.8 mm
length	26.2 mm
weight	approx. 10 g



⁽¹⁾ df: chromatic focal shift, $\Delta f = n \cdot \lambda_{\text{ref}} / (2 \cdot NA^2)$; depth of focus, n: refractive index, λ_{ref} : wavelength used to define focal plane with max. Δf

Simulation Data on Chromatic Performance



Technical Drawings

