

LT-APO/LWD/VISIR/0.65

Art.Nr.: 1013374

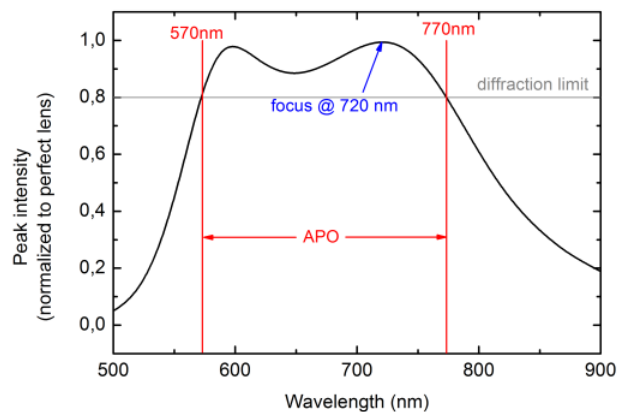
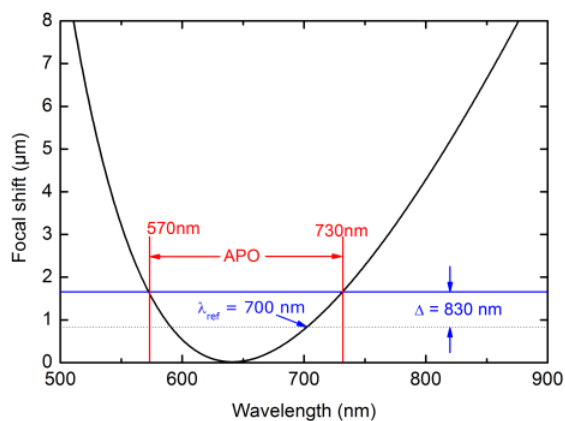
Technical Specifications

Optical Data	
clear aperture	4.7 mm
focal length	3.62 mm
numerical aperture(NA)	0.65
working distance	5.0 mm
Spectral Performance	
AR coating (> 80% transmission)	400 .. 1000 nm
apochromatic range (df < +/- delta)	570 .. 730 nm ⁽¹⁾
Compatibility	
environment	low temperature, high magnetic fields, high vacuum
compatible setups	CFM I/cust, AFM/CFM/cust, attoDRY800
suitable broadband collimator	RT-APO/VIS-NIR/0.13
Size and Dimensions	
diameter	28 mm
length	81 mm
weight	approx. 100 g



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

Simulation Data on Chromatic Performance



Technical Drawings

