

# LT-APO/LWD/VIS/0.64

Art.Nr.: 1013373

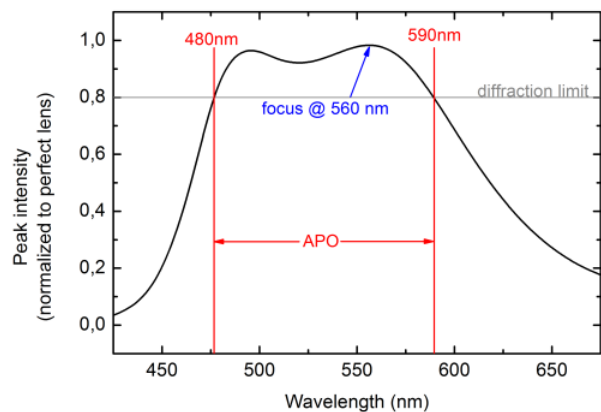
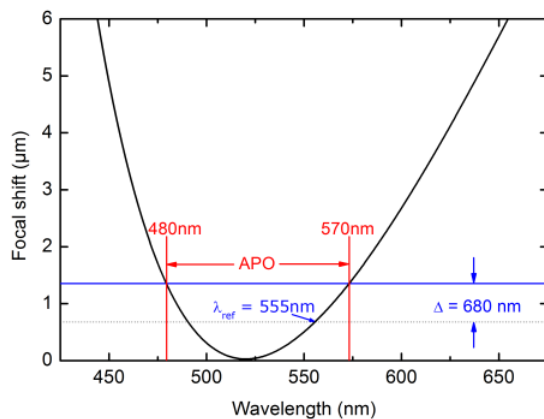
## Technical Specifications

Optical Data	
clear aperture	4.7 mm
focal length	3.67 mm
numerical aperture(NA)	0.64
working distance	5.0 mm
Spectral Performance	
AR coating (> 80% transmission)	400 .. 1000 nm
apochromatic range (df < +/- delta)	480 .. 570 nm <sup>(1)</sup>
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



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

## Simulation Data on Chromatic Performance



## Technical Drawings

