



# ZEISS T\* POL Filter (circular)



Precision	Rotary mount to control the filter effect
Quality	High-quality glass featuring ZEISS T*® anti-reflective coating
Flexibility	High-fit accuracy for fast filter change. Can be used with a lens shade
Compatibility	Ideal for ZEISS lenses. Can be used with non-ZEISS lenses
Effect	Minimizes light reflections on non-metallic surfaces and increases the color saturation under many lighting conditions



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## Description

The ZEISS T\* POL Filters allow you to remove unwanted reflections from non-metallic surfaces such as water, glass, paint etc. In landscape photography, they can intensify the blue of the sky, the color saturation of leaves as well as the overall contrast by filtering out light with a particular direction of polarization.

Depending also on the angle between camera and lighting, the effect can be controlled by the rotary mount of the filter directly in the viewfinder of a SLR camera or on a live view screen.

Circular POL Filters avoid problems with exposure metering and AF systems of (D)SLR camera bodies that might occur with linear POL filters.



Without ZEISS T\* POL Filter



With ZEISS T\* POL Filter



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## **ZEISS Quality**

Using a low quality filter optical effects might appear diminishing the quality of your picture. Especially fast lenses of long focal lengths need demanding polish quality of the filter to preserve the image sharpness. The high-quality glass is optically homogeneous and the surfaces are accurately plane to match perfectly for high-performance lenses.

## **Filter Coating**

All ZEISS T\* POL Filters feature the T\* anti-reflective coating. Special substances, one by one, are vaporized with very high energy in a high vacuum, which are then deposited on the glass surface as coatings with precisely controlled thicknesses to increase the transmission of visible light and achieve the desired reduction of reflections. The technology has been constantly improved since it was first applied by Carl Zeiss back in the 1930s.

## **Filter Mount**

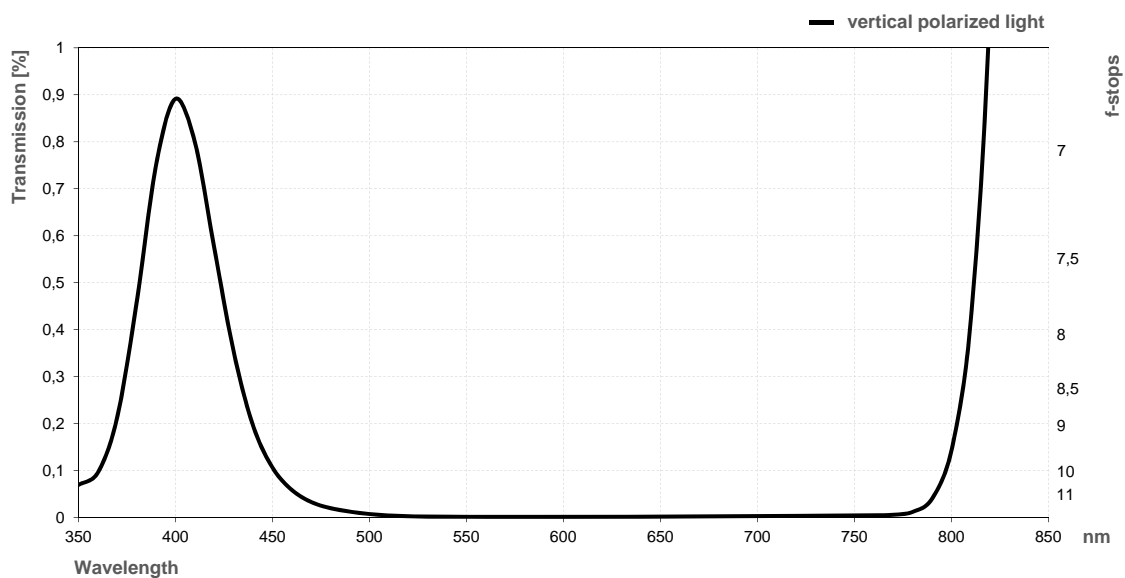
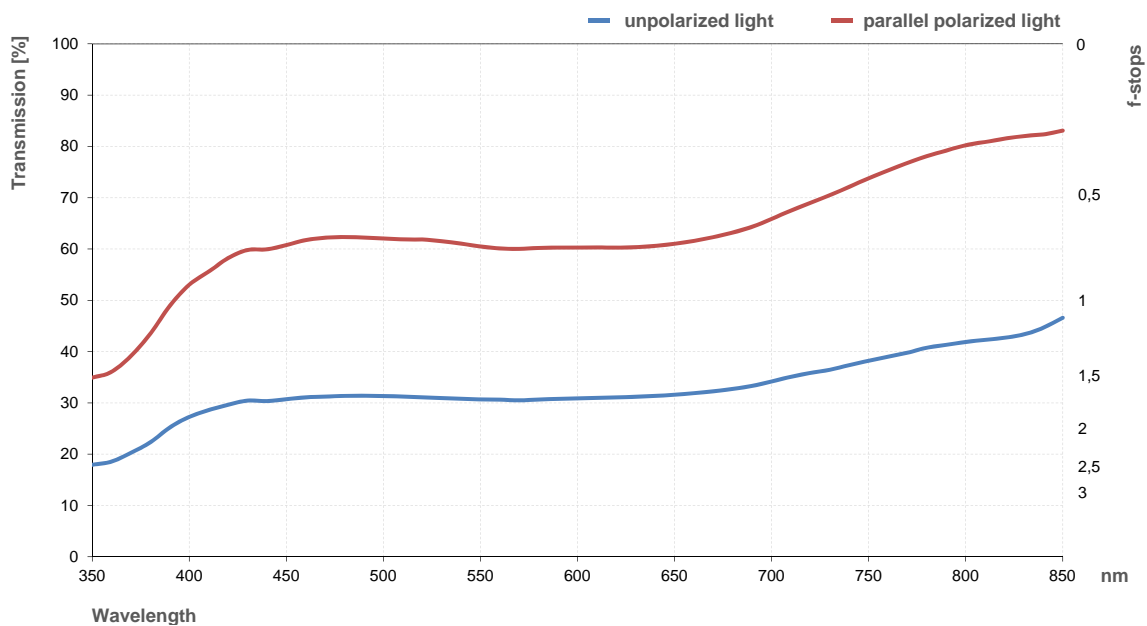
ZEISS T\* POL Filters are equipped with standard filter thread mounts with an additional front thread mount, e.g. to attach the standard lens cap. Additionally the rotary mount of the POL Filters allow to control the filter effect individually. Due to their slim frame design they can be used on wide angle lenses, even on a full frame camera body, without vignetting. ZEISS T\* POL Filters provide high-fit accuracy for fast filter change and can be used on lenses in combination with their dedicated lens shades.

## **Transmission Curves**

ZEISS T\* POL Filters have a nearly constant transmission within the range of visible light (between about 400nm and 700nm). So the filter appears in neutral grey tone and does not tamper the hue. Transmission of non-polarized light will be reduced for about 1.5 f-stops. Vertical polarized light is nearly completely cut off by the ZEISS T\* POL Filter. Only a small amount of deep blue wavelengths (400-450nm) will be transmitted.



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## Available Diameters:

Diameter in mm:	49	52	55	58	62	67	72	77	82	86	95
Availability:	●	●	●	●	●	●	●	●	●	●	●

● available