

glass sheet polarizer	
colorPol® VISIR 004042	
linear VIS-NIR-polarizer	Date: 11.07.2019

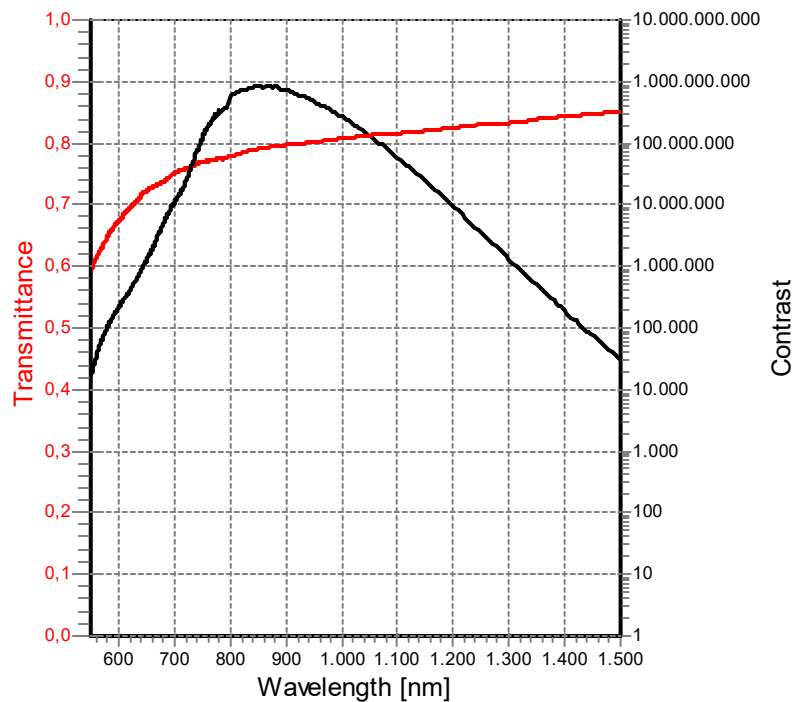
Wavelength range with **contrast > 100 000 : 1**
(Contrast = ratio of parallel and perpendicular transmittance)
Transmittance (uncoated)

600 to 1200 nm
> 67 % up to 84 %

Wavelength range with **contrast > 10 000 : 1**
Transmittance (uncoated)

550 to 1500 nm
> 57 % up to 85 %

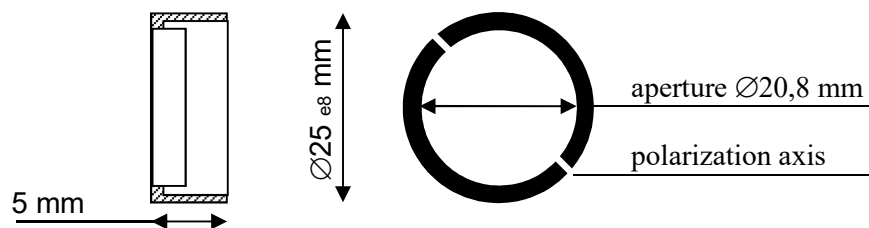
Spectral response



Filter thickness

$2,0 \pm 0,2$ mm

Filter size (mounted)



Surface imperfections (scratch / dig)

40 / 20 (MIL-O-13830A)

Wavefront distortion ($\varnothing 10$ mm)

$< \lambda/4$ at 633 nm

Acceptance angle

$\pm 20^\circ$

Operating temperature

$-20 \dots +120^\circ \text{C}$

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