

glass sheet polarizer	
colorPol® VISIR 003589	
linear VIS-NIR-polarizer	Date: 05.01.2021

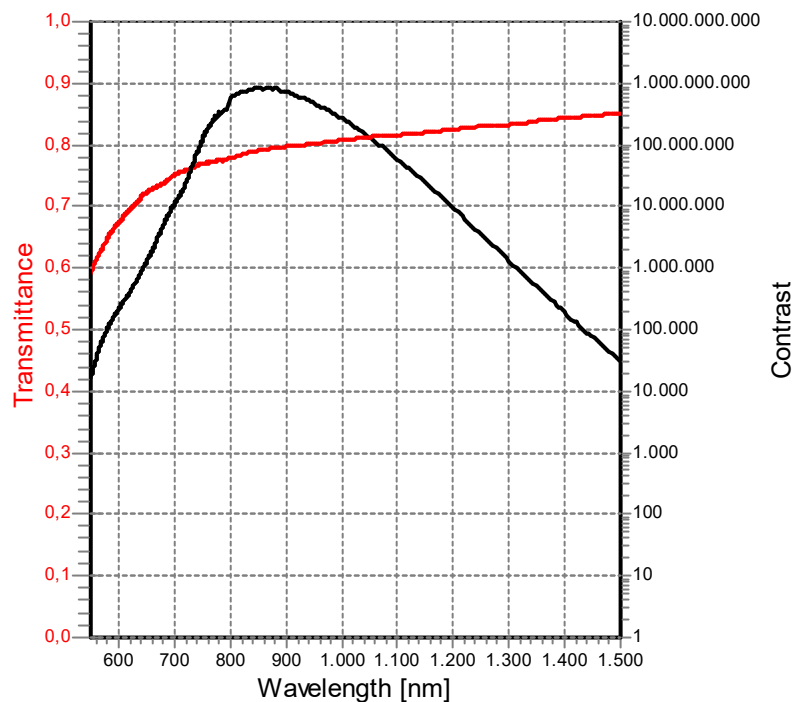
Wavelength range with **contrast > 100 000 : 1**
 (Contrast = ratio of parallel and perpendicular transmittance)
 Transmittance (uncoated)

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 %

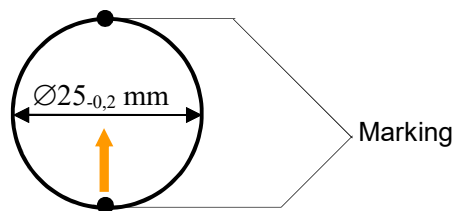
Spectral response



Filter thickness

$2,0 \pm 0,2$ mm

Filter size



→ Polarization (electric field vector of transmitted light)

Clear aperture

90 % of surface dimension

Surface imperfections (scratch / dig)

40 / 20 (MIL-O-13830A)

Wavefront distortion (Ø10 mm)

$< \lambda/4$ at 633 nm

Acceptance angle

$\pm 20^\circ$

Operating temperature

-20 .. +120 °C

CODIXX AG reserves the right to change technical information without notice.

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