

glass sheet polarizer	
colorPol® IR 1100 BC4 002959	
linear VIS-NIR-polarizer	Date: 25.01.2021

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

900 to 1200 nm
> 85 % up to 87 %

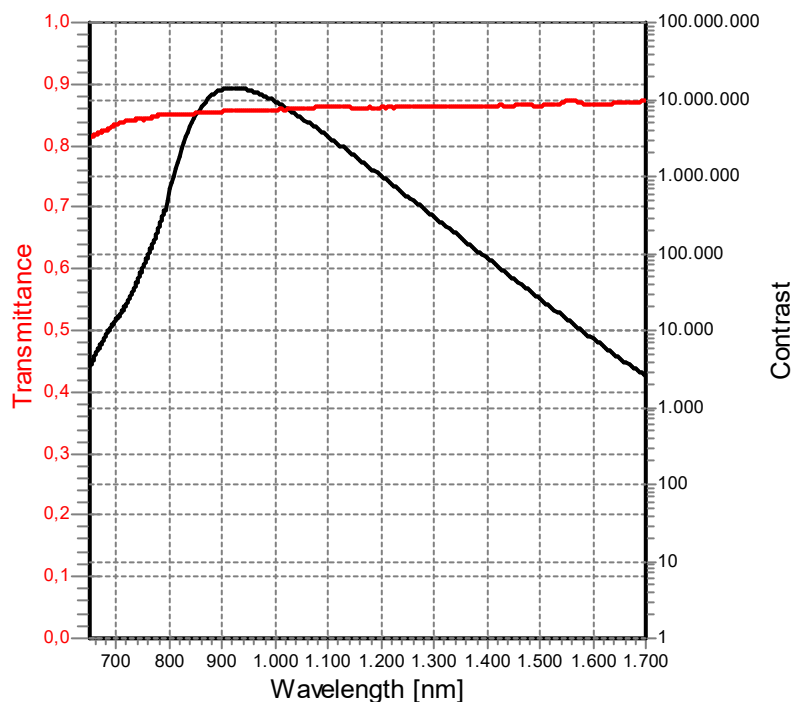
Wavelength range with **contrast > 10 000 : 1**
Transmittance (uncoated)

750 to 1400 nm
> 83 % up to 87 %

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

650 to 1700 nm
> 80 % up to 88 %

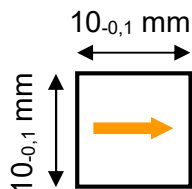
Spectral response



Filter thickness

$220 \pm 50 \mu\text{m}$

Filter size



➔ Polarization (electric field vector of transmitted light)

Clear aperture

90 % of surface dimension

Surface imperfections (scratch / dig)

40 / 20 (MIL-O-13830A)

Polarization axis

< 0,5° to edge

Acceptance angle

$\pm 20^\circ$

Operating temperature

-50 .. +400 °C

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

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