

glass sheet polarizer	
colorPol® IR 1100 BC4 007088	
linear VIS-NIR-polarizer	Date: 18.10.2021

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

900 to 1200 nm
> 85 % up to 87 %

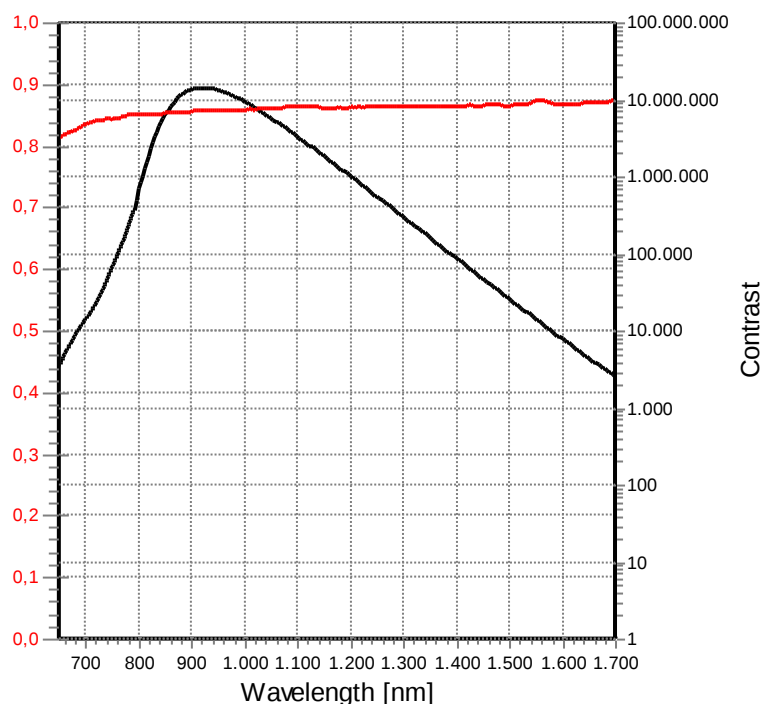
Wavelength range with **contrast > 10 000 : 1**
Transmittance (uncoated)

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 %

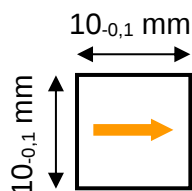
Spectral response



Filter thickness

2.0 ± 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)

Polarization axis

< 0,5° to edge

Wavefront distortion

< $\lambda/4$ at 633 nm

Operating temperature

-20 .. +120 °C

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

CODIXX AG
Betrieb Barleben
Steinfeldstraße 3
D – 39179 Barleben (Germany)

Phone: +49 39203 963 0
Fax: +49 39203 963 33
<http://www.codixx.de>
colorPol@codixx.de