

glass sheet polarizer	
colorPol[®] IR 1100 BC4 003127	
linear VIS-NIR-polarizer	Date: 23.10.2014

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

900 to 1200 nm
> 85 % up to 87 %

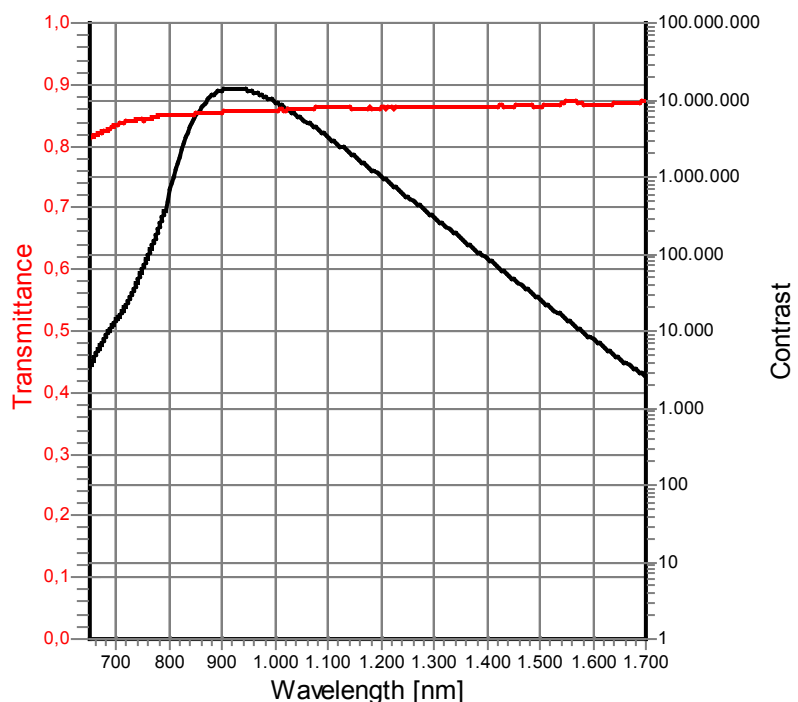
Wavelength range with **contrast > 10 000 : 1**
Transmittance (uncoated)

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 %

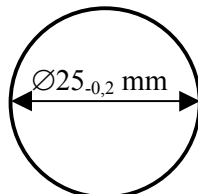
Spectral response



Filter thickness

220 ± 50 µm

Filter size



Clear aperture

90 % of surface dimension

Surface imperfections (scratch / dig)

40 / 20 (MIL-O-13830A)

Acceptance angle

± 20°

Operating temperature

-50 .. +400 °C