

glass sheet polarizer	
colorPol® VIS 600 BC5 007643	
linear VIS-polarizer	Date: 18.10.2021

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

530 to 640 nm
> 62 % up to 78 %

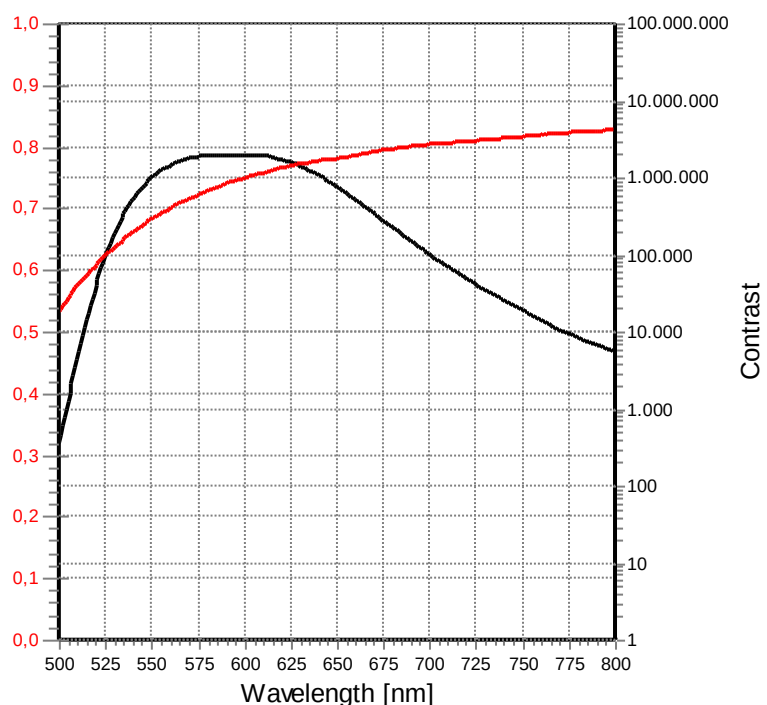
Wavelength range with **contrast > 10 000 : 1**
Transmittance (uncoated)

520 to 740 nm
> 60 % up to 81 %

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

510 to 800 nm
> 55 % up to 83 %

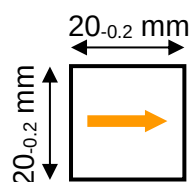
Spectral response



Filter thickness

2.0 ± 0.2 mm

Filter size



→ Polarization (electric field vector of transmitted light)

Clear aperture

95 % of surface dimension

Surface imperfections (scratch / dig)

40 / 20 (MIL-O-13830A)

Polarization axis

< 0.5° to indicated edge

Wavefront distortion (Ø10 mm)

< $\lambda/4$ at 633 nm

Acceptance angle

$\pm 20^\circ$

Operating temperature

-20 .. +120 °C

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