

glass sheet polarizer	
colorPol® Laserline Nd:YAG BC4 008752	
linear UV-VIS-NIR-polarizer	Date: 22.10.2021

Contrast at **355 nm** > 10 000 : 1

polarization axis perpendicular to 532 nm and 1064 nm polarization

(Contrast = ratio of parallel and perpendicular transmittance)

Transmittance (uncoated) > 37 %

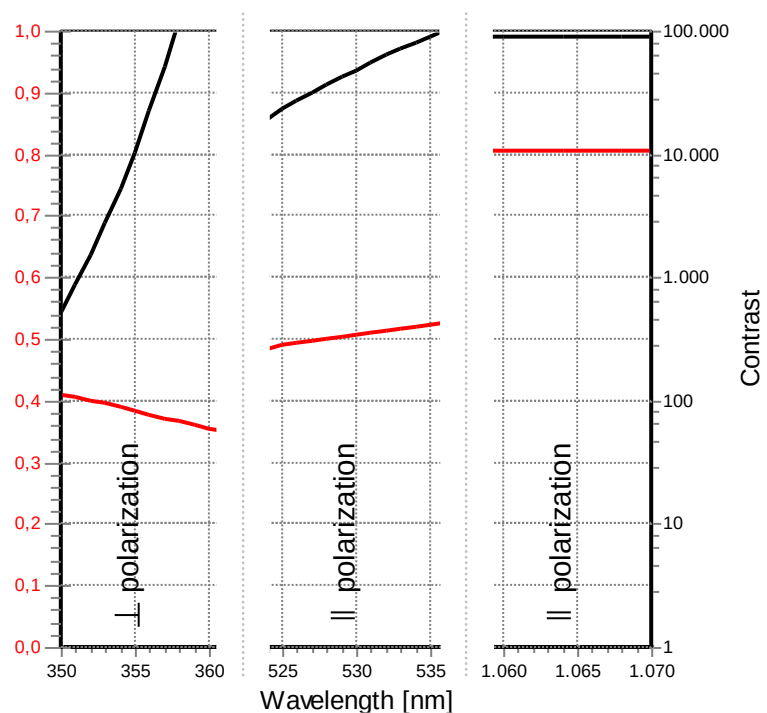
Contrast at **532 nm** > 10 000 : 1

Transmittance (uncoated) > 50 %

Contrast at **1064 nm** > 10 000 : 1

Transmittance (uncoated) > 79 %

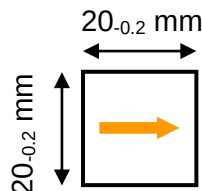
Spectral response



Filter thickness

$270 \pm 50 \mu\text{m}$

Filter size



→ Polarization (electric field vector of transmitted light)
[polarization axis 355 nm is perpendicular to 532 nm and 1064 nm polarization]

Clear aperture

95 % of surface dimension

Polarization axis

< 0.5° to edge

Acceptance angle

$\pm 20^\circ$

Operating temperature

-50 .. +400 °C

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