

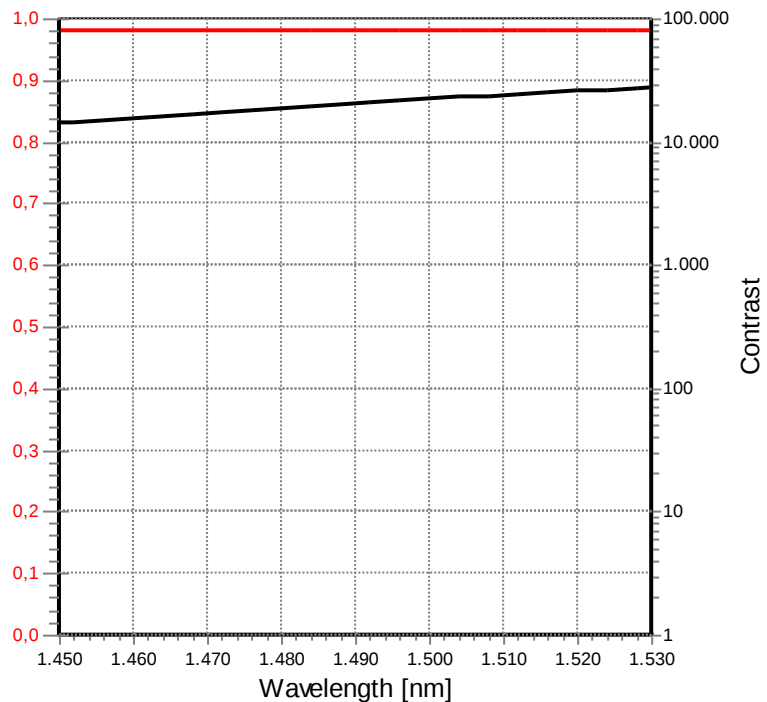
glass sheet polarizer	
colorPol® IR 1490 BC4 HT C1490	008675
linear NIR-polarizer	Date: 22.10.2021

Wavelength range with **contrast > 10 000 : 1**
 (Contrast = ratio of parallel and perpendicular transmittance)
 Transmittance (antireflection coating, 0° incident angle)

1450 to 1530 nm

≥ 96 %

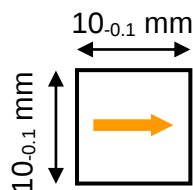
Spectral response



Filter thickness

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

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 (coating reference for 0°)

± 20°

Operating temperature

-50 .. +400 °C

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