

## colorPol® Polarizer

### colorPol® IR 1100 BC4 C1310

Spectral range	NIR
Wavelength range with <b>contrast &gt; 10 000 : 1</b> <sup>(1)</sup>	[1100] to 1400 nm
Transmittance	> 87 % up to 96 %
(antireflection coating 1310 nm, 0° incident angle)	> 94 % at 1310 nm
Wavelength range with <b>contrast &gt; 1 000 : 1</b> <sup>(1)</sup>	[1100] to 1700 nm
Transmittance (antireflection coating, 0° incident angle)	> 87 % up to 96 %
Filter thickness <sup>(2)</sup>	220 ± 50 µm
Acceptance angle (coating reference for 0°)	± 20°
Polarization axis	< 0.5° to indicated edge
Operating temperature	-50 to +400 °C
<sup>(1)</sup> contrast: ratio of parallel to perpendicular transmittance	
<sup>(2)</sup> other thicknesses on request	

