

## colorPol® Polarizer

### colorPol® IR 1100 BC4

Spectral range	VIS-NIR
Wavelength range with <b>contrast &gt; 100 000 : 1</b> <sup>(1)</sup>	900 to 1200 nm
Transmittance (uncoated)	> 85 % up to 87 %
Wavelength range with <b>contrast &gt; 10 000 : 1</b> <sup>(1)</sup>	750 to 1400 nm
Transmittance (uncoated)	> 83 % up to 87 %
Wavelength range with <b>contrast &gt; 1 000 : 1</b> <sup>(1)</sup>	650 to 1700 nm
Transmittance (uncoated)	> 80 % up to 88 %
Filter thickness <sup>(2)</sup>	220 ± 50 µm
Acceptance angle	± 20°
Polarization axis	< 0.5° to edge
Operating temperature	-50 to +400 °C
<sup>(1)</sup> contrast: ratio of parallel to perpendicular transmittance	
<sup>(2)</sup> other thicknesses on request	
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