

Data Sheet



LVVISBP (LF102499)

Continuously Variable Bandpass Filter for the visible wavelength range
 λ_C travelling from ≤ 400 nm to ≥ 700 nm within ≤ 45 mm

Bandwidth at 50% of peak transmittance

Bandwidth is monotonously increasing with center wavelength

FWHM	Interval start	Interval end
$7 \text{ nm} < \text{FWHM} < 20 \text{ nm}$	400 nm	700 nm

Bandwidth at 0.1% transmittance (absolute)

Bandwidth is monotonously increasing with center wavelength

BW	Interval start	Interval end
$13 \text{ nm} < \text{BW} < 34 \text{ nm}$	400 nm	700 nm

Peak transmittance

Transmission is monotonously increasing with center wavelength

T_{avg}	Interval start	Interval end
$40\% < T < 90\%$	400 nm	700 nm

Broad-band blocking (maximum transmittance)

T_{max}	Interval start	Interval end
$\leq 0.1\%$	300 nm	850 nm

Broad-band blocking (average transmittance)

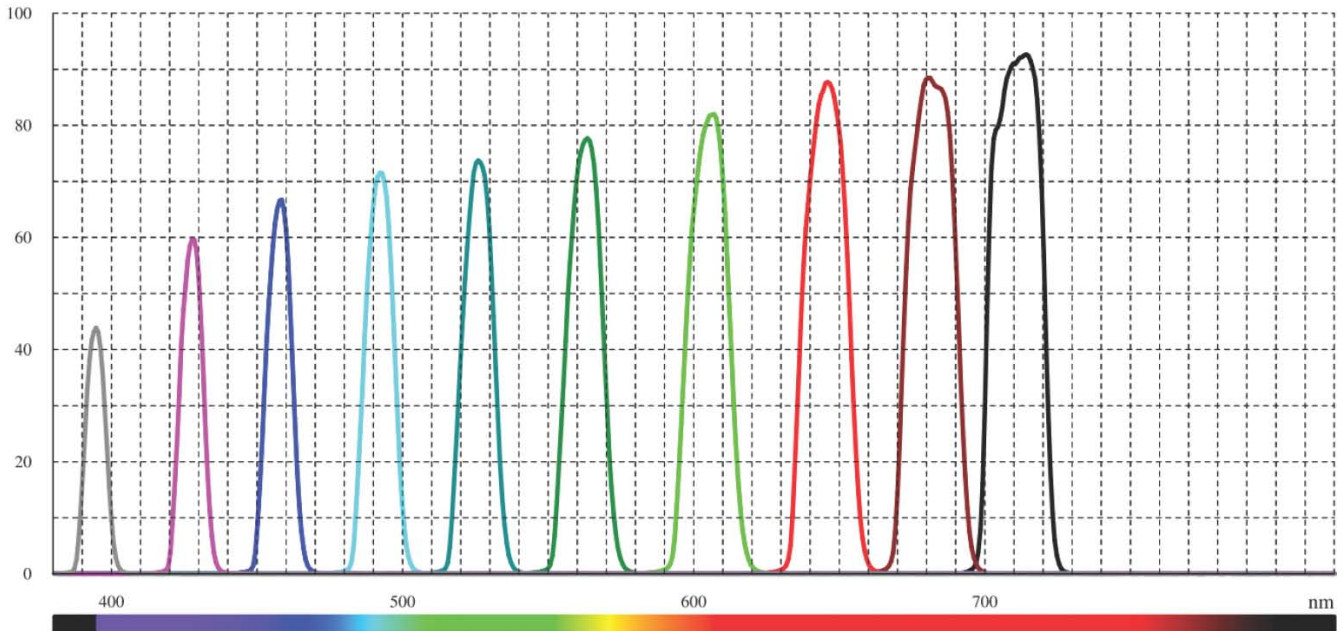
T_{avg}	Interval start	Interval end
$\leq 0.01\%$	300 nm	850 nm

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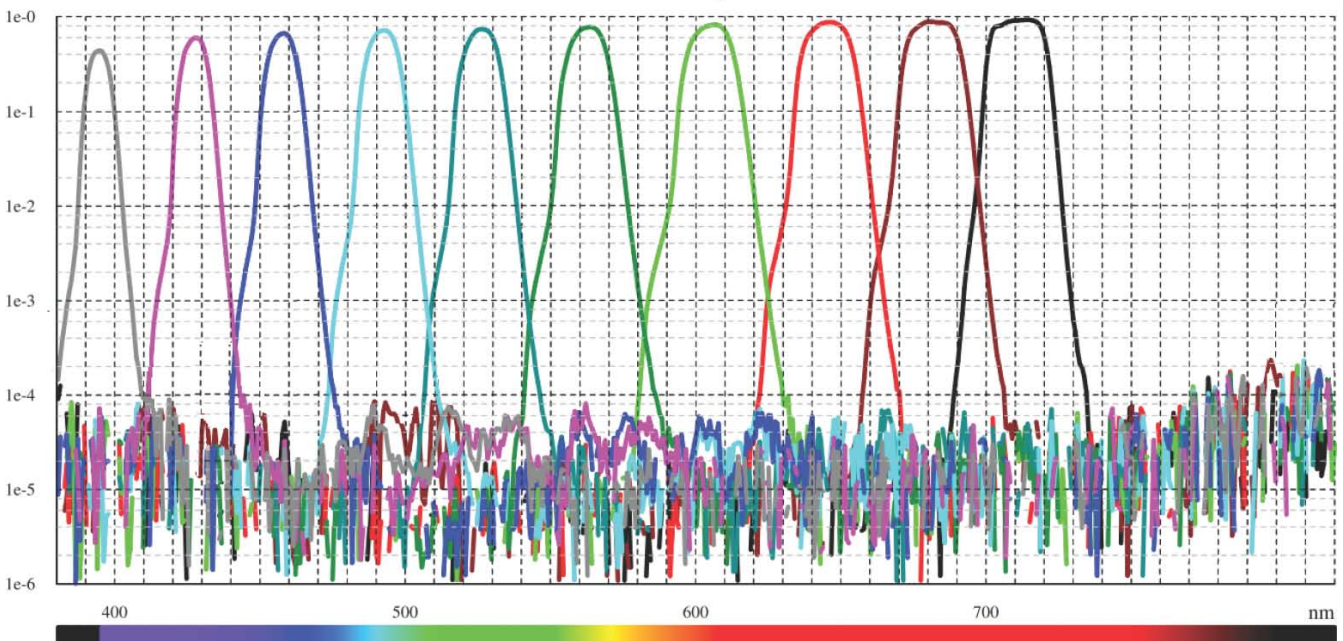
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Measured transmission of LVVISBP



Measured blocking of LVVISBP



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