Data Sheet

CVLWP 310-850 (LF102475)

Continuously variable long-wavelength-pass filter with $\lambda_{50\,\%}$ travelling from ≤ 310 nm to ≥ 850 nm within ≤ 58 mm

OD2 blocking reached within 0.01 * $\lambda_{50\,\%}$

Near-edge average transmittance

T_{avg}	$\lambda_{50\,\%}$	Interval start	Interval end
≥ 85 %	310 nm – 420 nm	1.01 * $\lambda_{50\,\%}$	1.1 * $\lambda_{50\,\%}$
≥ 92 %	420 nm – 850 nm	1.01 * $\lambda_{50\,\%}$	1.1 * $\lambda_{50\,\%}$

Broad-band minimum transmittance

T_{avg}	$\lambda_{50\,\%}$	Interval start	Interval end
≥ 80 %	310 nm – 420 nm	1.02 * $\lambda_{50\,\%}$	$\lambda_{50\,\%}$ + 120 nm
≥ 90 %	420 nm – 850 nm	1.02 * $\lambda_{50\,\%}$	$\lambda_{50\,\%}$ + 120 nm

Broad-band blocking (maximum transmittance)

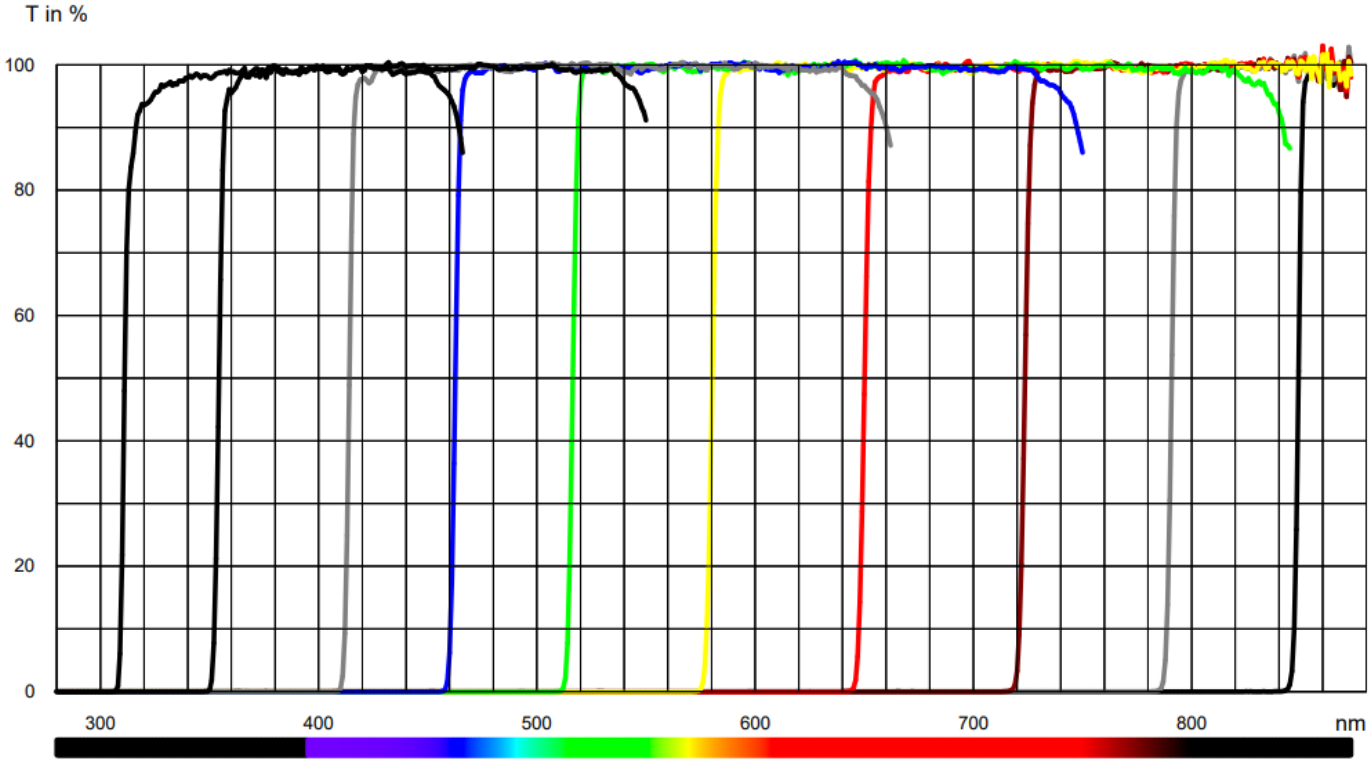
T_{max}	$\lambda_{50\,\%}$	Interval start	Interval end
≤ 1 %	310 nm – 850 nm	190 nm	0.99 * $\lambda_{50\,\%}$
≤ 0.1 %	310 nm – 850 nm	190 nm	0.97 * $\lambda_{50\,\%}$

Broad-band blocking (average transmittance)

T_{avg}	$\lambda_{50\,\%}$	Interval start	Interval end
≤ 0.05 %	310 nm – 850 nm	190 nm	0.97 * $\lambda_{50\,\%}$

Data Sheet

Typical transmission of CVLWP 310-850 (LF102475)



Typical blocking of CVLWP 310-850 (LF102475)