

Data Sheet

CVLWP 410-652.5 (LF104559)

Continuously variable long-wavelength-pass filter with $\lambda_{50\%}$ travelling from ≤ 410 nm to ≥ 652.5 nm within ≤ 66.6 mm

Broad-band average transmittance

T_{avg}	$\lambda_{50\%}$	Interval start	Interval end
$\geq 92\%$	410 nm – 652.5 nm	$\lambda_{50\%} + 5$ nm	$1.4 * \lambda_{50\%} - 70$ nm or 685nm (whichever is smallest)

Broad-band minimum transmittance

T_{min}	$\lambda_{50\%}$	Interval start	Interval end
$\geq 85\%$	410 nm – 652.5 nm	$1.01 * \lambda_{50\%}$	$1.4 * \lambda_{50\%} - 70$ nm or 685nm (whichever is smallest)

Broad-band blocking (maximum transmittance)

T_{max}	$\lambda_{50\%}$	Interval start	Interval end
$\leq 0.01\%$	410 nm – 652.5 nm	390 nm	$\lambda_{50\%} - 20$ nm
$\leq 0.01\%$	410 nm – 652.5 nm	718 nm	1025 nm

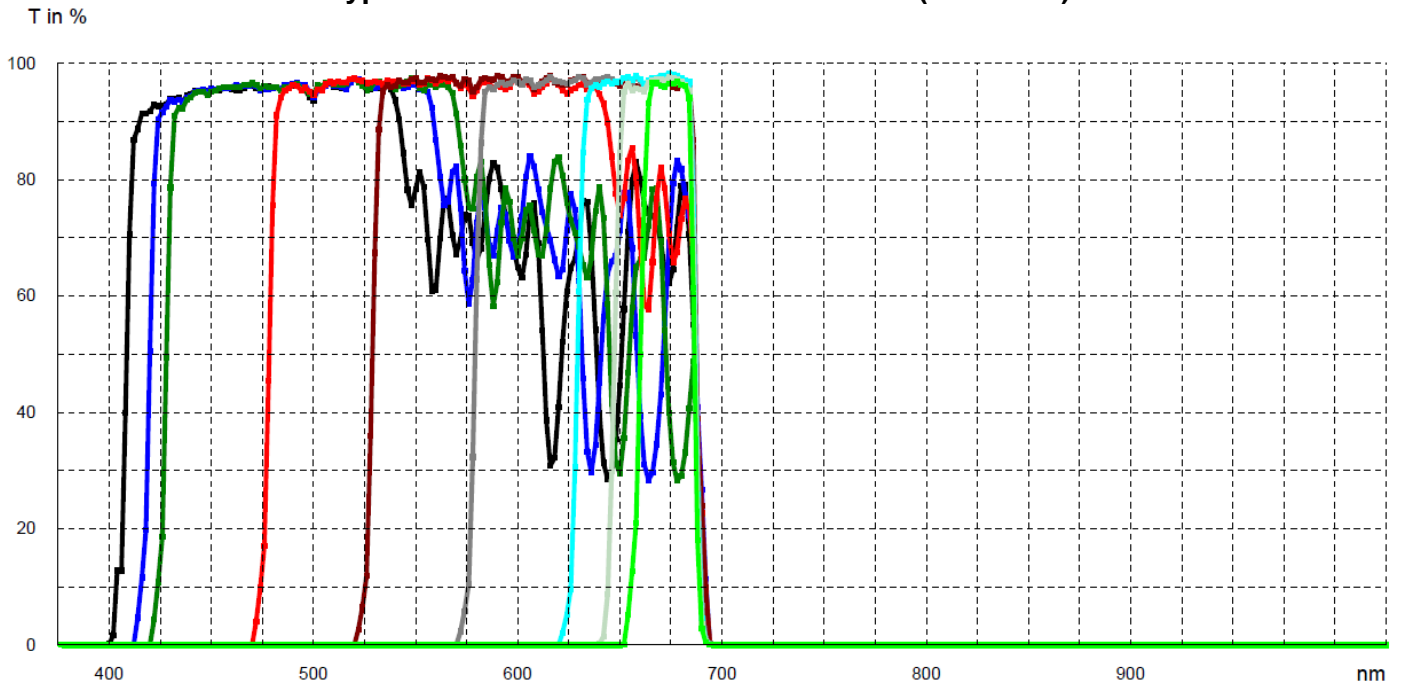
T_{max}	$\lambda_{50\%}$	Interval start	Interval end
$\leq 1\%$	410 nm – 652.5 nm	390 nm	$\lambda_{50\%} - 10$ nm

T_{max}	$\lambda_{50\%}$	Interval start	Interval end
$\leq 10\%$	410 nm – 652.5 nm	390 nm	$0.99 * \lambda_{50\%}$

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Typical transmission of CVLWP 410-652.5 (LF104559)



Typical blocking of CVLWP 410-652.5 (LF104559)

