

Data Sheet



Linear Variable Bandpass Filter for Hyperspectral Imaging (LF103245)

For sensor size 24 mm x 36 mm

λ_{center} travelling from ≤ 450 nm to ≥ 880 nm within ≤ 36 mm

Fully blocked in the light-sensitive wavelength range of silicon-based detectors

Average transmittance

T_{avg} λ_{center}
60% – 90% 450 nm – 880 nm

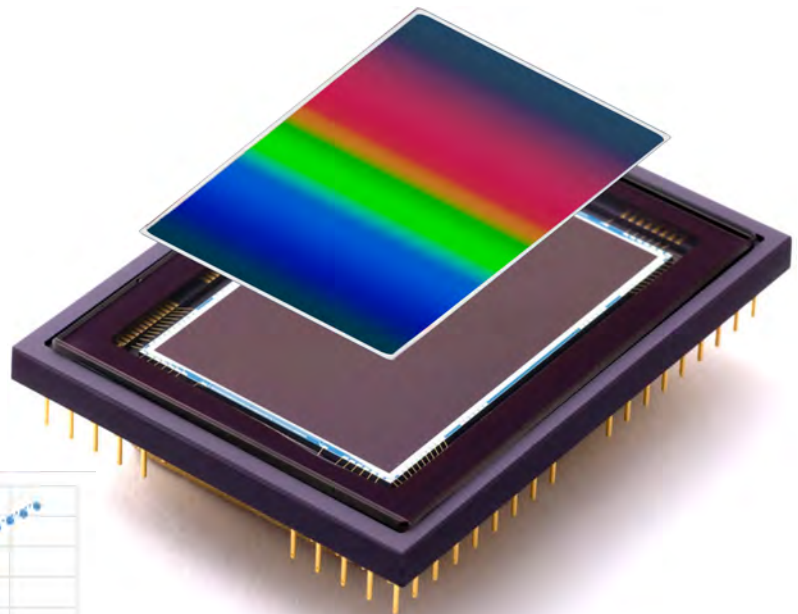
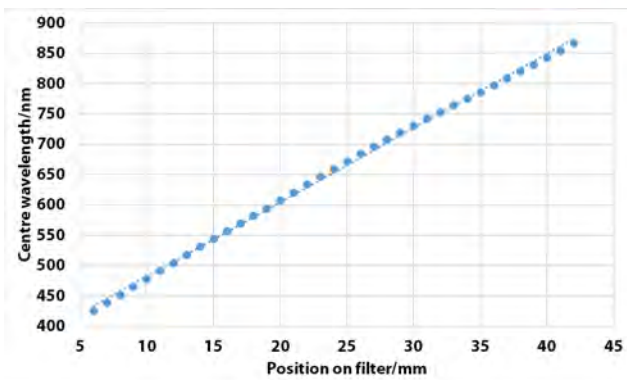
Broad-band blocking (average transmittance)

T_{avg} λ
 $\leq 0.01\%$ 200 nm – 1150 nm

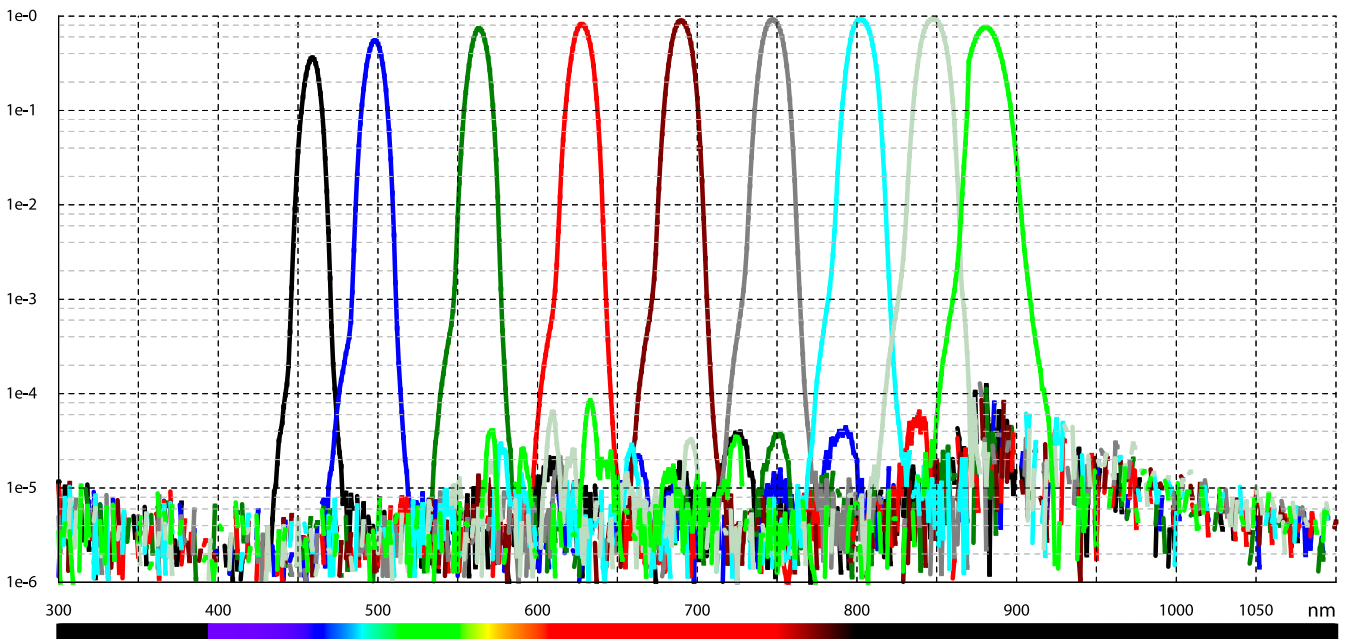
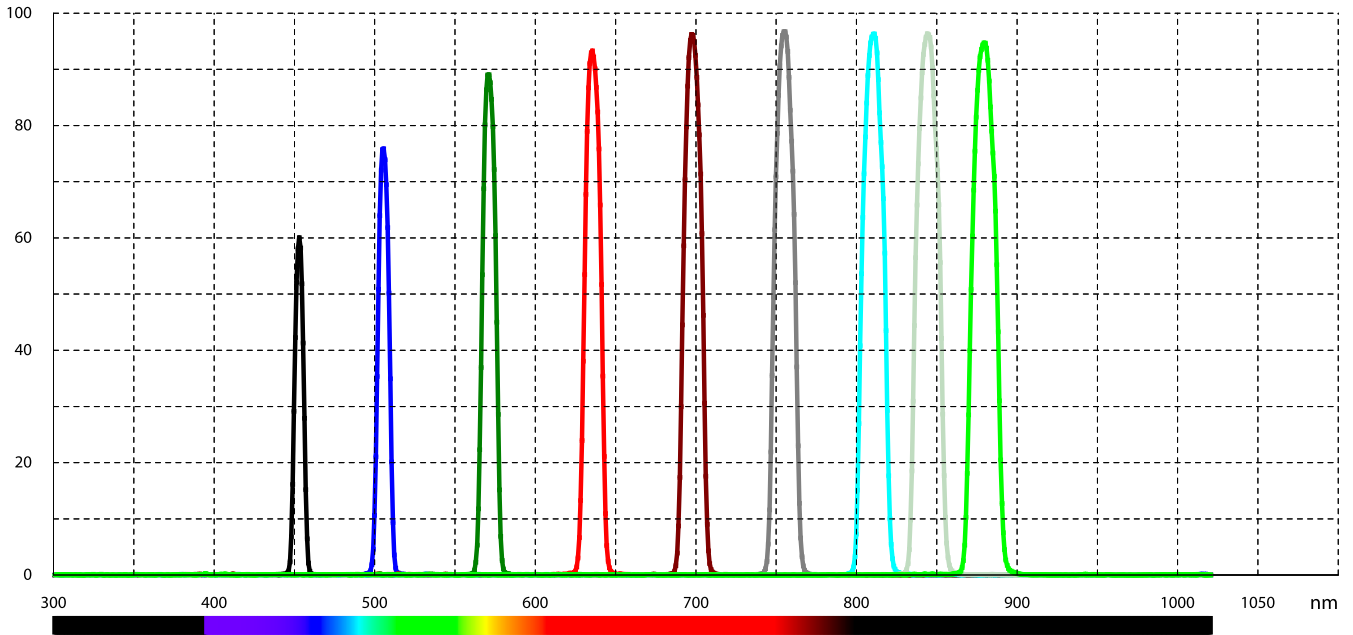
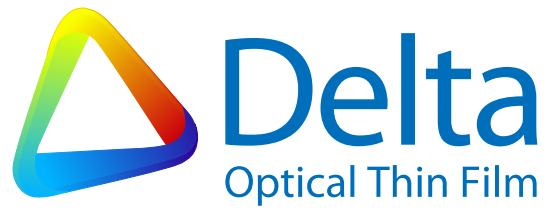
Bandwidth

FWHM λ_{center}
 $2\% * \lambda_{\text{center}}$ 450 nm – 880 nm

Linear dispersion



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Brighter Solutions from www.deltaopticalthinfilm.com