

LONGPASS FILTERS StableEDGE®

FILTER DESIGN

Longpass

LP

Often referred to as “sharp-cut” filters, Longpass Filters are specially designed to pass a broad spectrum of longer wavelength light while blocking shorter wavelengths.

- Economical solution for isolating specific spectral regions
- Peak transmission $\geq 90\%$
- StableEDGE® design reduces angular dependence and minimizes short-shifting effects
- Anti-reflection coated for maximum transmission in VIS – SWIR spectrums
- Can be used with Shortpass Filters for a custom, fine-tuned Bandpass Filter
- Double-side polished glass for exceptional parallelism and optical flatness
- Exceptional surface quality; 40/20 scratch/dig
- Available in wavelength ranges from 350-12 microns

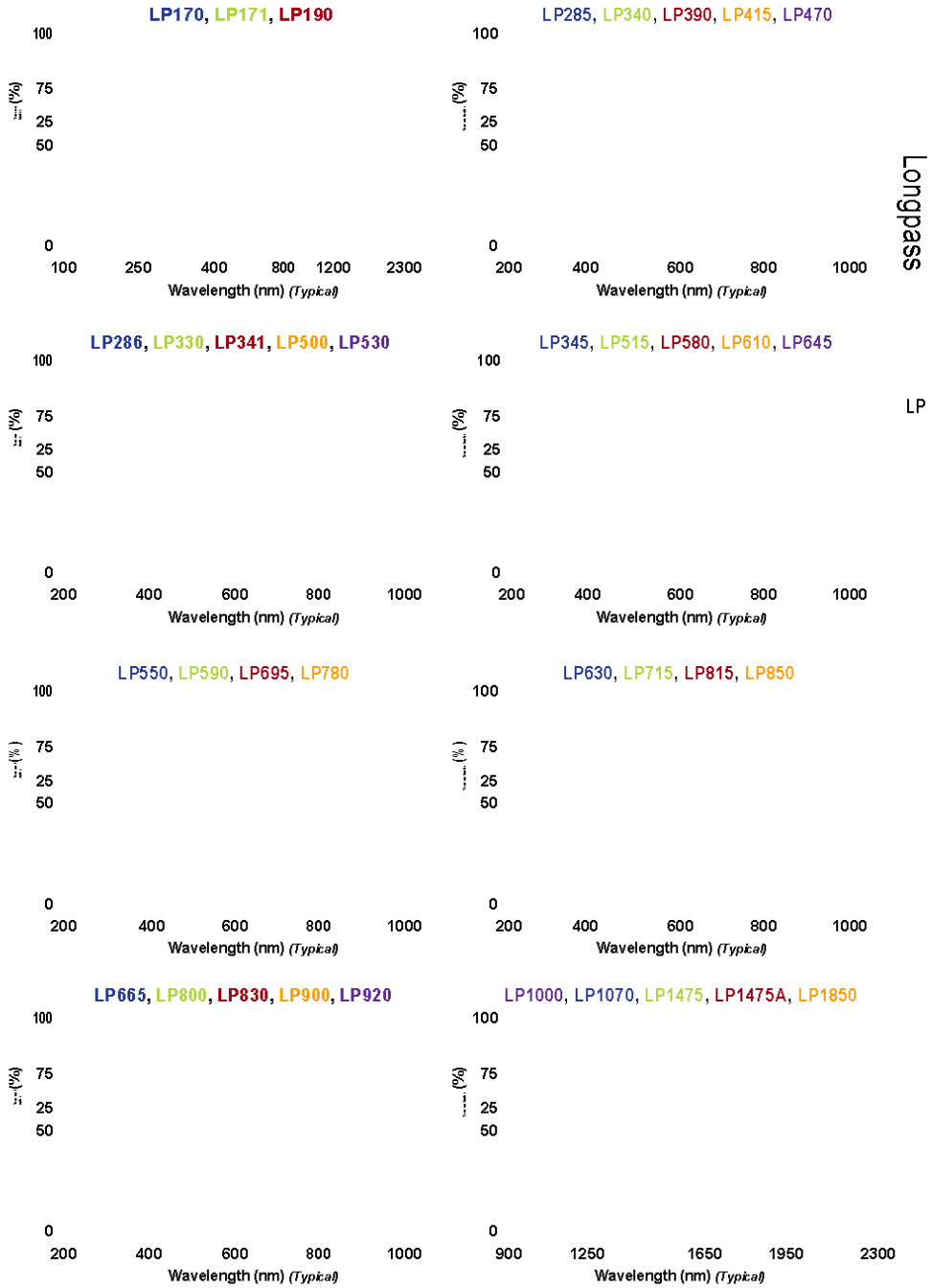
APPLICATIONS: Longpass Filters are often used in fluorescence applications to block an excitation light source or to pass multiple emission wavelengths, improving signal to noise ratio in light-controlled environments. Longpass Filters are also commonly used in photography and astronomy.

MOUNT & SIZE OPTIONS: Longpass Filters are in stock, ready to ship, and are available in Threaded Mounts, sizes M13.25 to M105; 25.4@ C-Mounts; Slip Mounts; or Unmounted. Custom shapes and sizes are also available.

For more information, visit midopt.com/longpass

FILTERS & TRANSMISSION CURVES

LONGPASSFILTERS



Longpass
LP