

# LIGHT BALANCING FILTERS

Light Balancing Filters correct artificial lighting so colors appear more natural. These filters balance color, preventing the need for additional software processing. This allows for greater image stability and control.

- Achieve accurate color images when using an artificial light source
- Increase contrast by correcting the emission spectrum of various lighting sources
- Exceptional surface quality; 40/20 scratch/dig

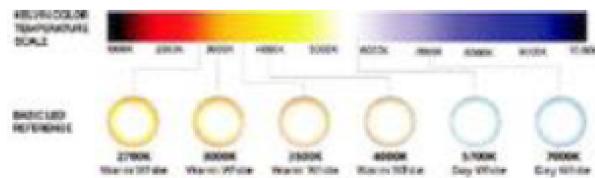
**LA SERIES:** Reduce blue shading ("warm" the scene). Commonly used with white LED and xenon strobe lighting.

**LB SERIES:** Subdue the reddish hue sometimes found with tungsten, halogen, sodium and other light sources.

**FL SERIES:** Used to reduce the greenish cast created by fluorescent lighting.

**APPLICATIONS:** Light Balancing Filters are commonly used in color applications to create natural light (i.e. machine vision/factory automation, photography, progressive photonics and fluorescence imaging) where accurate color inspection is needed.

**MOUNT & SIZE OPTIONS:** Light Balancing Filters are in stock, ready to ship, and are available in Threaded Mounts, sizes M13.25 to M105; Slip Mounts; or Unmounted. Custom shapes and sizes are also available.

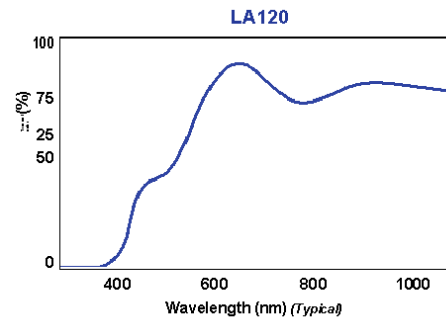
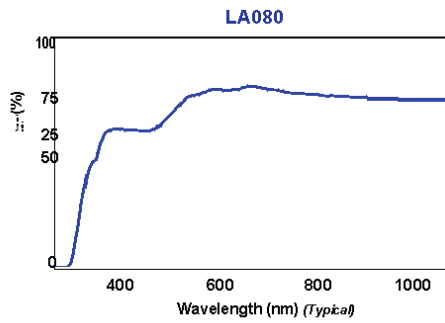


*The tint of white depends on the color temperature of the light. When color temperature is high, more blue light exists.*

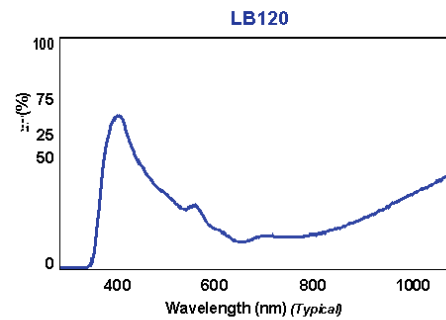
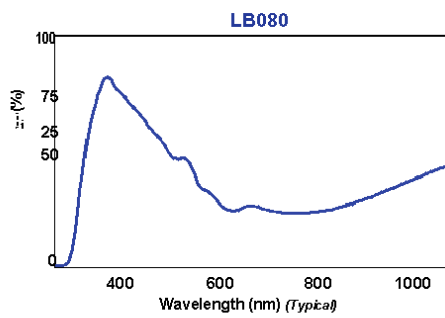
For more information, visit [midopt.com/light-balancing](http://midopt.com/light-balancing)

# FILTERS & TRANSMISSION CURVES

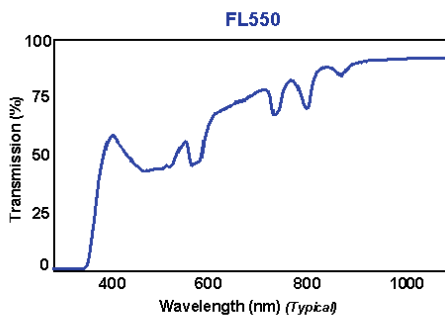
## LA SERIES



## LB SERIES



## FL SERIES



Light Balancing

