

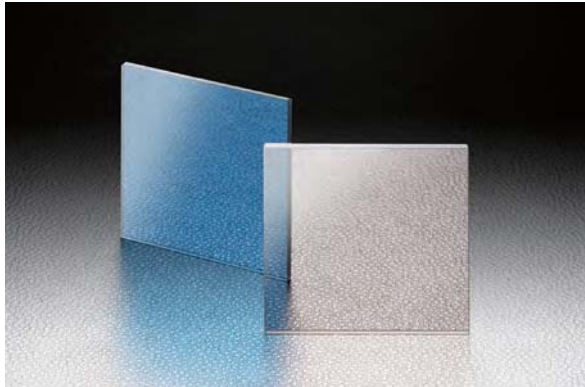
Color Temperature Conversion Filter

LA/LB

RoHS

Use the LB filter for reducing the reddish light of the Tungsten lamp and use the LA filter for reducing the bluish of the LED lamp. It keeps the light at a natural color without adjusting the illumination for microscope observation.

- Fit perfectly for image processing with CCD camera without color balance.
- For chromaticity measurement application to enable the color temperature changing.



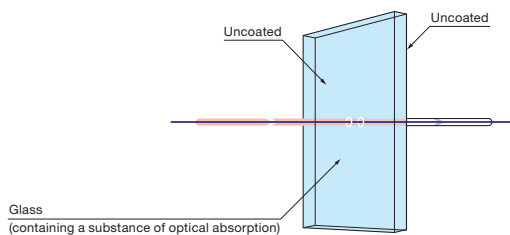
Guide

- ▶ We can produce custom sizes, please contact our Sales Division with your request.
- ▶ We can provide other custom specifications which are not mentioned on-line or in our catalog, please contact our Sales Division.

Attention

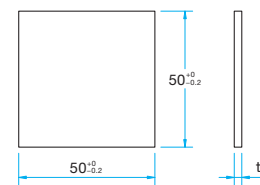
- ▶ To keep the transmittance as our priority specification, the filter thickness of each filter will vary in accordance with the transmittance specification.
- ▶ There is no coating on both surfaces of the filter, the transmission loss is about 10%.
- ▶ The filter can be damaged if it is placed too close to a high brightness lamp with sudden heat.

Schematic



Outline Drawing

(in mm)



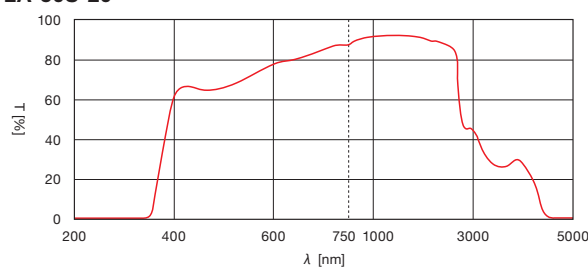
Specifications

Part Number	Thickness t [mm]	Color specification X (standard illuminants A)	Color specification Y (standard illuminants A)
LA-50S-20	Please contact	0.467	0.408
LB-50S-120	Please contact	0.370	0.378

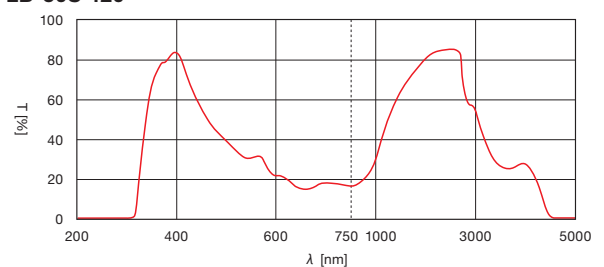
Typical Transmittance Data

T: Transmission

LA-50S-20



LB-50S-120



Compatible Optic Mounts

FHS-50 / FH-50

Application Systems

Optics & Optical Coatings

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Colored Glass Filters

Dielectric Filters

Etalon