

di-soric Machine Vision Filter Accessories



[CS60-BP-635-D11.8](#)



di-soric offers a variety of lens covers and filter accessories to allow you to further customize and optimize a machine vision solution to fit your specific application.

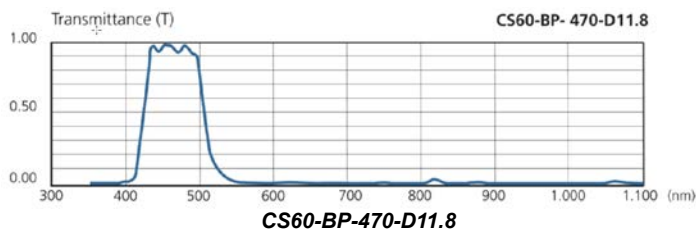
Bandpass Filters: These filters allow you to ensure repeatable lighting during inspection by blocking out unwanted light. They are designed to press-fit inside the lens protector.

di-soric Bandpass Filter Selection Guide

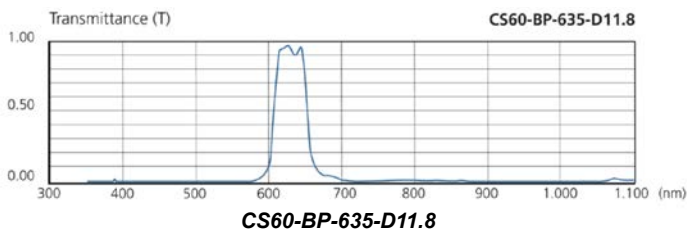
Part Number	Price	Description	Type	Angle of Incidence	Mounting	Drawing
<u>CS60-BP-470-D11.8</u>	\$313.00	Filter	Blue bandpass (470nm)	0 to 15 degrees	Press fit (inside lens protector)	<u>PDF</u>
<u>CS60-BP-635-D11.8</u>	\$104.00	Filter	Red bandpass (635nm)	0 to 15 degrees	Press fit (inside lens protector)	<u>PDF</u>
<u>CS60-BP-850-D11.8</u>	\$90.00	Filter	Infrared bandpass (850nm)	0 to 15 degrees	Press fit (inside lens protector)	<u>PDF</u>

Filter Bandpass Graphs

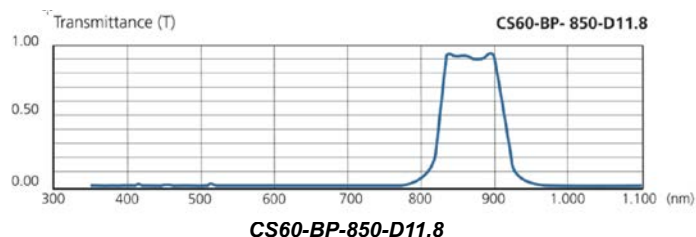
Blue Bandpass



Red Bandpass



Infrared Bandpass



These filters ensure that only the wavelengths of light that you are targeting pass through to the camera. For example, if using a red (635nm) light, choose a filter with a passband centered at 635nm. The bandpass filter will block light at wavelengths outside the passband's range so that only light in the red range comes through the lens to the camera.



[CS60-WINDOW-DIFFUS](#)



[CS60-WINDOW-POLAR](#)



[CS60-WINDOW](#)



[CS60-WINDOW-FOKUS](#)

Polarizer: Use the polarizer lens protector/filter to reduce unwanted glare from shiny parts.

Diffuser: Use the diffuser lens protector/filter to spread even lighting across a larger portion your workpiece.

Focus Adjustment Aid: The focus adjustment aid allows you to change the focus of the camera without the risk of inadvertently touching and smudging the lens with your hands.

di-soric Lens Cover Selection Guide

Part Number	Price	Description	Type	Size (mm [in])	Mounting	Drawing
<u>CS60-WINDOW-DIFFUS</u>	\$113.00	Lens protector/filter	Diffuser	45x17 [1.77x0.67]	Press fit (friction fit with O-ring)	<u>PDF</u>
<u>CS60-WINDOW-POLAR</u>	\$190.00	Lens protector/filter	Polarizer	45x17 [1.77x0.67]	Press fit (friction fit with O-ring)	<u>PDF</u>
<u>CS60-WINDOW *</u>	\$71.00	Lens protector	—	45x17 [1.77x0.67]	Press fit (friction fit with O-ring)	<u>PDF</u>
<u>CS60-WINDOW-FOKUS</u>	\$105.00	Focus adjustment aid	—	45x17 [1.77x0.67]	Temporary (no O-ring)	<u>PDF</u>

*Included with camera and also available separately