

Band Pass Filters

Eliminating all but a narrow band of light (+/- 40nm) centered on the specified wavelength, bandpass filters are used to enhance colors, or to stop unwanted ambient light from reaching the camera. Filtering can replace existing shrouds, simplifying the physical set up of an inspection site. Ai offers 660nm bandpass filters to fit a number of different lens sizes.



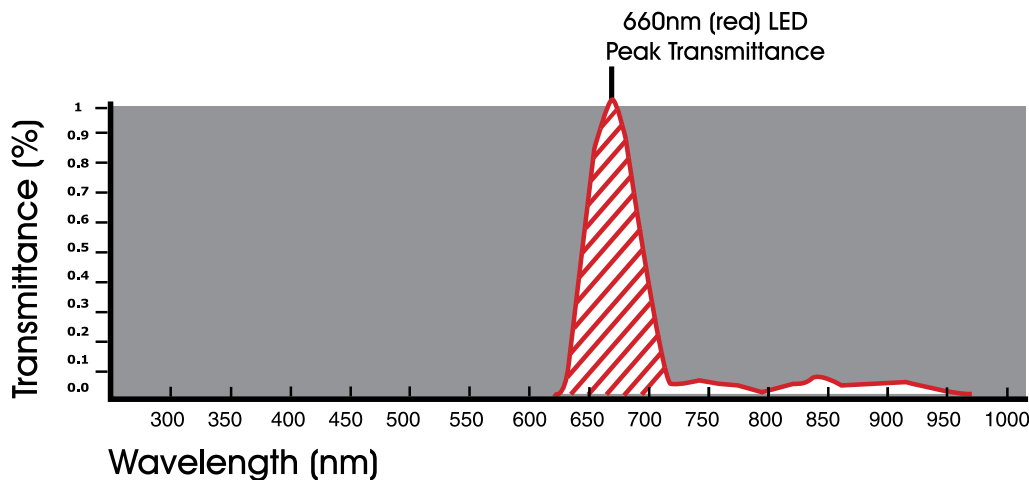
We offer filters in the following sizes:

25.5mm, 27mm, 40.5mm, 43mm, 46mm, and 49mm

Ordering Information

Standard Product:
Shipped Next Day

| | Filter Diameter |
|------------|-----------------|
| BP - 660 - | XXX |
| | 25.5 |
| | 27 |
| | 40.5 |
| | 43 |
| | 46 |
| | 49 |



A 660nm (red) bandpass filter allows the transmission of light ~40nm above and below 660nm through to the camera. Peak transmittance occurs at 660nm with consistent fall off on either side.

 Allowed wavelengths

 Blocked wavelengths

(Sunlight and Mercury Vapor light are reduced x4.)

(Fluorescent light is reduced by x35.)