

# AMBER

These vibration-resistant lenses deliver highly homogeneous imaging performance with minimal chromatic aberrations and distortions, ensuring excellent image quality across the entire field.



AMBER	Aperture	f' (mm)	Mount	Sensor Size (mm)	Type	Size D x L (mm x mm)	Weight (g)	Filter thread	ID
AMBER 2.8/40 V38	2.8–22	40	V38	43.2	standard	47 x 34.5	105	M37 x 0.75	1111934
AMBER 4.0/60V38	4.0–32	60	V38	62.5	standard	47 x 38	114	M37 x 0.75	1111933
AMBER 4.0/80 V38	4.0–32	80	V38	82	standard	47 x 40	133	M37 x 0.75	1111932
AMBER 5.6/100 V38	5.6–22	100	V38	82	standard	47 x 45	146	M37 x 0.75	1111931

## UNIFORM IMAGING PERFORMANCE FOR LARGE SENSORS

### Key Features:

- Image circle: 43.2 mm to 80 mm
- 4 focal lengths: 40 mm to 100 mm
- Homogeneous imaging performance across the entire image field
- Very low distortion and high resolution
- V38-Mount, compatible to the V38 mounting system
- Initial apertures: F2.8 to F5.6

### Typical applications:

- Machine vision
- Automated optical inspection (AOI)
- PCB inspection
- Logistics

## AMBER LENSES FOR THE INDUSTRY

This vibration-resistant lens is designed for use with large-area and line-scan sensors in harsh conditions, as encountered in many industrial applications. Its highly homogeneous imaging performance across the entire image field, combined with low chromatic aberrations and geometric distortions, ensures very high image quality across a wide magnification range. The V38 mount is compatible with the modular V38 system and its wide range of accessories, including focusing mounts, extension tubes and camera adapters.

## MORE INFORMATION

Discover the variety of our high quality lenses. For more technical details on the lenses and datasheets, please visit our website: [www.schneiderkreuznach.com/amber](http://www.schneiderkreuznach.com/amber)

