

2/3" high resolution 5 MP prime lens

LS-5MP series · Lenses · 6 models



2/3" high resolution 5 million pixel prime lenses with low distortion, large light intake and a short working distance range design.

Features

- 5MP high resolution
- Low distortion
- Large amount of light to get in
- Lenticule design
- Short working distance range design
- Compact structure
- Extensive use in location and inspection industry
- High cost-effective

Applications

- Automatic optical inspection in electronic industry
- Semiconductor package
- Code reading and recognition
- Printing inspection
- Location system
- AOI inspection

Common specifications

Format	2/3"
Mount	C
Filter size	M35.5 x P0.5
Resolution	5 MP

Ordering code: LS-<focal length><aperture>-5MP

Models

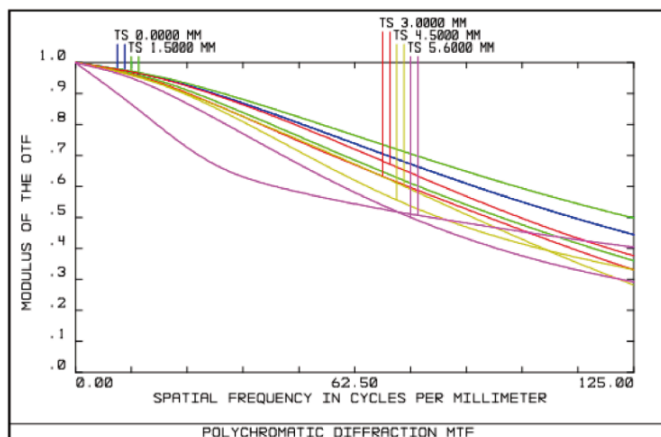
Model	Focal length (mm)	Aperture	WD range (mm)	Optical distortion (%)	Relative illumination (%)	Working distance (mm)
LS-0816-5MP	8	1.6-16	100-1500	<0.3	>70	100-1500
LS-1216-5MP	12	1.6-16	100-1500	<0.15	>70	100-1500
LS-1616-5MP	16	1.6-16	100-1500	<0.1	>70	100-1500

LS-2516-5MP	25	1.6-16	100-1500	<0.1	>76	100-1500
LS-3516-5MP	35	1.6-16	150-1500	<0.15	>76	150-1500
LS-5020-5MP	50	2-16	300-INF.	<0.05	>76	300-None

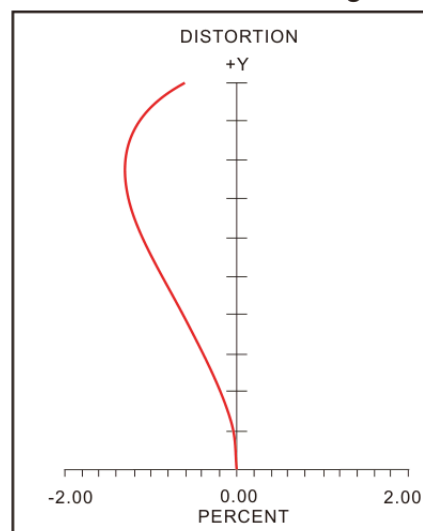
More values per model (Target surface, Sensor format) are on each product page.

Performance

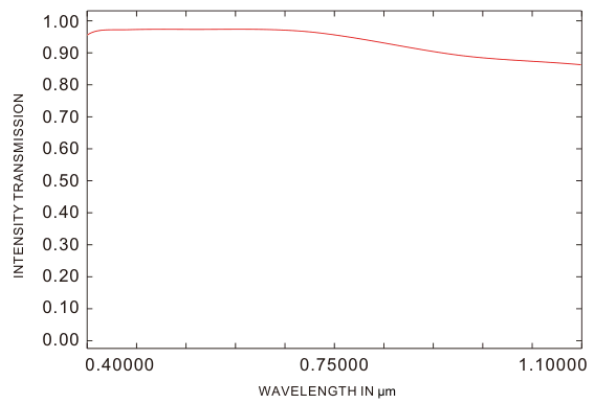
MTF Drawing



Distortion drawing



Penetration rate



MTF Drawing Magnification:0.045X;F#2.0

