

1 INCH AND LINEAR DETECTOR LENSES



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ZERO DISTORTION, FOR MEASUREMENT APPLICATIONS

These lenses have been specifically developed to be used in combination with large detector cameras (e.g. 4Mpix cameras) or line detectors up to 4kpix (28,7 mm) or larger. Fixed focal length (32, 48 mm and 100 mm) and MACRO lenses are available. Mount interface can be adapted on request.

Nearly zero distortion and high resolution, make these lenses particularly suitable for measurement applications where telecentric lenses cannot be used.

FIXED FOCAL LENGTH



Code	Mount	Focal Length	Image circle	F-number	Distortion	MTF
LS 32 F4/C	C	32 mm	28 mm	4	<0.15%	>40%@50lp/mm
LS 32 F4/F	F	32 mm	30 mm	4	<0.15%	>40%@50lp/mm
LS 48 F4/C	C	48 mm	28 mm	4	<0.1%	>50%@50lp/mm
LS 48 F4/F	F	48 mm	30 mm	4	<0.1%	>50%@50lp/mm
LS 100 F5	M72	100 mm	70 mm	5	<0.1%	>40%@50lp/mm

VARIABLE MACRO



Code	Mount	Magn.	Image circle	F-number	Distortion	MTF
LS MC 2X	F	1,3 x	30 mm	10	<0.05%	>40%@50lp/mm
		1 x	30 mm	9	<0.05%	>50%@50lp/mm
		0,7 x	30 mm	7	<0.1%	>40%@50lp/mm



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