

LSTL-H Series

LARGE
FORMAT

φ44

High Resolution Telecentric Lens for φ44mm

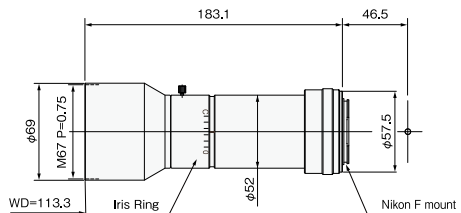
The highest NA in the optical industry

- ❖ Telecentric lens for large format, φ44mm
- ❖ Suitable for large area sensor of high resolution, 120 Mega Pixel, 71 Mega Pixel, and 25 Mega Pixel
- ❖ Design for large aperture
- ❖ Excellent uniformity of brightness and resolution
- ❖ Suitable for high speed and precise measurement
- ❖ Adjustable iris, possible to adjust depth of field


MaxxVision®

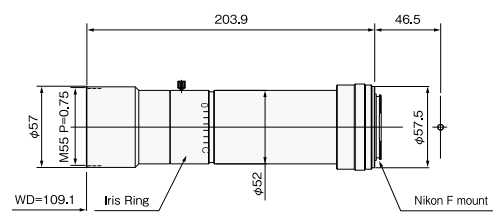
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70567 Stuttgart
Tel.: 0711 997 996 3
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LSTL10H-F



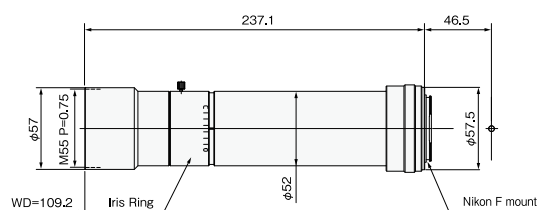
Magnification	1.0x	Resolution	4.3 μm
WD	113mm	Optical distortion	0.01%
Depth of field	0.31mm	Maximum Compatible sensor	φ 44mm
F No.	6.4	Mount	F

LSTL15H-F



Magnification	1.5x	Resolution	3.5 μm
WD	109mm	Optical distortion	0.02%
Depth of field	0.17mm	Maximum Compatible sensor	φ 44mm
F No.	7.8	Mount	F

LSTL20H-F



Magnification	2.0x	Resolution	2.9 μm
WD	109mm	Optical distortion	-0.02%
Depth of field	0.12mm	Maximum Compatible sensor	φ 44mm
F No.	8.7	Mount	F

Model No. for Different Mount

Model	Compatible Camera	Screw Pitch	Flange Back
LSTL□□□H-V58	SVS	M58 (P = 0.75)	11.48mm
LSTL□□□H-B42	BASLER	M42 (P = 1)	16mm
LSTL□□□H-B42/2	BASLER	M42 (P = 0.75)	16mm
LSTL□□□H-V42	SVS	M42 (P = 1)	11.48mm
LSTL□□□H-S42	SENTECH	M42 (P = 1)	10mm
LSTL□□□H-D42	TELEDYNE DALSA	M42 (P = 1)	6.56mm

* Indicated specifications are design values. * Resolution indicates the theoretical resolution at wavelength of 550nm.