

L Series Bi-Telecentric lenses

LS-L-BI-TELECENTRIC-LENSES series · Telecentric lenses · 16 models



65x, 40 mm WD. High resolution with consistent sharpness across the image Low distortion and high telecentricity for high-precision measurement and positioning

Features

- High resolution with consistent sharpness across the image
- Low distortion and high telecentricity for high-precision measurement and positioning
- Supports cameras up to $\phi 39$ mm

Common specifications

Coaxial light	Not supported
Temperature	-10~50°C
Certification	RoHS2.0

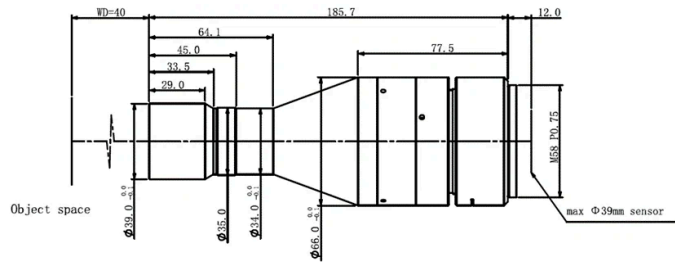
Models

Model	Magnification	Working distance	F-number	Image size	Depth of field	Distortion	Object-side resolution
LS-LBT-165-40-M58	1.65	40mm	F6.2	$\Phi 39$ mm	± 0.2 mm@F16	$\leq 0.1\%$	3.5 μ m
LS-LBT-1083-110-M58	1.083	110mm	F18.3	$\Phi 39$ mm	± 0.65 mm@F20	$\leq 0.1\%$	10.8 μ m
LS-LBT-2-102-G-M58	2	102mm	F8 ~ F32	$\Phi 44$ mm	0.16-0.64mm	$\leq 0.045\%$	2.7-10.7 μ m
LS-LBT-0489-208-M72-10.1	0.489	208mm	F32.4	$\Phi 44$ mm	± 3.3 mm@F20	$\leq 0.1\%$	10.8 μ m
LS-LBT-0929-118-M72-19.5	0.929	118mm	F15.3	$\Phi 39$ mm	± 0.9 mm@F20	$\leq 0.1\%$	9.79 μ m
LS-LBT-0929-118-M58	0.929	118mm	F15.3	$\Phi 39$ mm	± 0.9 mm@F20	$\leq 0.1\%$	9.8 μ m
LS-LBT-1-102-M72	1	102mm	F7	$\Phi 62$ mm	± 0.3 mm@F7.0	$\leq 0.1\%$	4.5 μ m
LS-LBT-0696-138-M58	0.696	138mm	F13.1	$\Phi 39$ mm	± 1.6 mm@F20	$\leq 0.1\%$	11.1 μ m
LS-LBT-1-162-M72-19.5	1	162mm	F8	$\Phi 88$ mm	± 0.3 mm@F8	$\leq 0.1\%$	5.6 μ m
LS-LBT-1-162-G-M72	1	162mm	F8 ~ F32	$\Phi 88$ mm	0.64-1.76mm	$\leq 0.1\%$	5.368-14.762 μ m
LS-LBT-0497-288-M72-19.5	0.497	288mm	F12.2	$\Phi 67.8$ mm	± 3.2 mm@F12.2	$\leq 0.1\%$	14.4 μ m

LS-LBT-0738-228-M58	0.738	228mm	F9.9	Φ59mm	±1.6mm@F22	≤ 0.1%	8um
LS-LBT-039-238-F	0.39	238mm	F9.2	Φ39mm	±4.2mm@F16	≤ 0.1%	12.6um
LS-LBT-0205-330-F	0.205	330mm	F6.5	Φ39mm	±10.5mm@F11	≤ 0.1%	18um
LS-LBT-0163-410-F	0.163	410mm	F7.5	Φ39mm	±24.3mm@F16	≤ 0.1%	23.6um
LS-LBT-0163-410-M58	0.163	410mm	F7.5	Φ39mm	±24.3mm@F16	≤ 0.1%	23.6um

More values per model (Object-side telecentricity, Connector type, Dimension) are on each product page.

Performance



Product views

