

Telecentric lens series (S12)

LS-TCL-S12 series · Telecentric lenses · 27 models

Working distance 42.3 mm; depth of field 0.4 mm. Rendered illustration: the actual product may differ in appearance.



Common specifications

Lens type	Telecentric
Operating temperature range	0 to 40°C
Storage temperature range	0 to 50°C

Models

Model	Mount	Aps-c IMX342	Dimensions approximate	Distortion maximum (%)	Distortion typical (%)	Front diameter	Image circle
LS-TCL-0147	F-mount	12.25 x 9.19 mm	213 x 37. x 37.7 mm	< 0.1	< 0.08	37.7 mm	33.5 mm
LS-TCL-0148	M42-mount	12.25 x 9.19 mm	247.5 x 37. x 37.7 mm	< 0.1	< 0.08	37.7 mm	33.5 mm
LS-TCL-0149	F-mount	18.51 x 13.88 mm	222.1 x 44 x 44 mm	< 0.1	< 0.08	44 mm	33.5 mm
LS-TCL-0150	M42-mount	18.51 x 13.88 mm	256.6 x 44 x 44 mm	< 0.1	< 0.08	44 mm	33.5 mm
LS-TCL-0151	F-mount	26.68 x 20.01 mm	270.1 x 61 x 61 mm	< 0.1	< 0.08	61 mm	33.5 mm
LS-TCL-0152	M42-mount	26.68 x 20.01 mm	304.1 x 61 x 61 mm	< 0.1	< 0.08	61 mm	33.5 mm
LS-TCL-0153	F-mount	35.21 x 26.41 mm	292.7 x 75 x 75 mm	< 0.1	< 0.08	75 mm	33.5 mm
LS-TCL-0154	M42-mount	35.21 x 26.41 mm	327.2 x 75 x 75 mm	< 0.1	< 0.08	75 mm	33.5 mm

Model	Mount	Aps-c IMX342	Dimensions approximate	Distortion maximum (%)	Distortion typical (%)	Front diameter	Image circle
LS-TCL-0155	F-mount	42.11 x 31.58 mm	331.7 x 80 x 80 mm	< 0.1	< 0.08	80 mm	33.5 mm
LS-TCL-0156	M42-mount	42.11 x 31.58 mm	366.2 x 80 x 80 mm	< 0.1	< 0.08	80 mm	33.5 mm
LS-TCL-0157	F-mount	48.09 x 36.06 mm	353.5 x 100 x 100 mm	< 0.1	< 0.08	100 mm	33.5 mm
LS-TCL-0158	M42-mount	48.09 x 36.06 mm	388 x 100 x 100 mm	< 0.1	< 0.08	100 mm	33.5 mm
LS-TCL-0159	F-mount	59.47 x 44.6 mm	401.2 x 116 x 116 mm	< 0.1	< 0.08	116 mm	33.5 mm
LS-TCL-0160	M42-mount	59.47 x 44.6 mm	435.7 x 116 x 116 mm	< 0.1	< 0.08	116 mm	33.5 mm
LS-TCL-0161	F-mount	73.07 x 54.8 mm	423.7 x 143 x 143 mm	< 0.1	< 0.08	143 mm	33.5 mm
LS-TCL-0162	M42-mount	73.07 x 54.8 mm	458.2 x 143 x 143 mm	< 0.1	< 0.08	143 mm	33.5 mm
LS-TCL-0163	F-mount	95.97 x 71.97 mm	508.7 x 180 x 180 mm	< 0.1	< 0.08	180 mm	33.5 mm
LS-TCL-0164	M42-mount	95.97 x 71.97 mm	543.2 x 180 x 180 mm	< 0.1	< 0.08	180 mm	33.5 mm
LS-TCL-0165	F-mount	114.08 x 85.56 mm	564.2 x 200 x 200 mm	< 0.1	< 0.08	200 mm	33.5 mm
LS-TCL-0166	M42-mount	114.08 x 85.56 mm	598.7 x 200 x 200 mm	< 0.1	< 0.08	200 mm	33.5 mm
LS-TCL-0167	F-mount	155.28 x 116.46 mm	700.2 x 260 x 260 mm	< 0.1	< 0.08	260 mm	33.5 mm
LS-TCL-0168	M42-mount	155.28 x 116.46 mm	734.7 x 260 x 260 mm	< 0.1	< 0.08	260 mm	33.5 mm
LS-TCL-0169	F-mount	194.43 x 145.83 mm	849.8 x 322 x 322 mm	< 0.1	< 0.08	322 mm	33.5 mm
LS-TCL-0170	M42-mount	194.43 x 145.83 mm	884.3 x 322 x 322 mm	< 0.1	< 0.08	322 mm	33.5 mm
LS-TCL-0171	F-mount	223.60 x 167.7 mm	1001 x 417 x 417 mm	< 0.15	< 0.1	417 mm	37.2 mm
LS-TCL-0172	M42-mount	223.60 x 167.7 mm	1035.5 x 417 x 417 mm	< 0.15	< 0.1	417 mm	37.2 mm
LS-TCL-0193	F-mount	29.81 x 22.36 mm	315.2 x 75 x 75 mm	< 0.1	< 0.05	75 mm	43.3 mm

More values per model (Magnification, Working distance, Sensor format, Depth of field, Aps-h python 25K, Filter thread, Line 4k-7µm, Python 16K, Resolution (pixel size), Telecentricity maximum, Telecentricity typical, Working f/n...) are on each product page.

Product views

