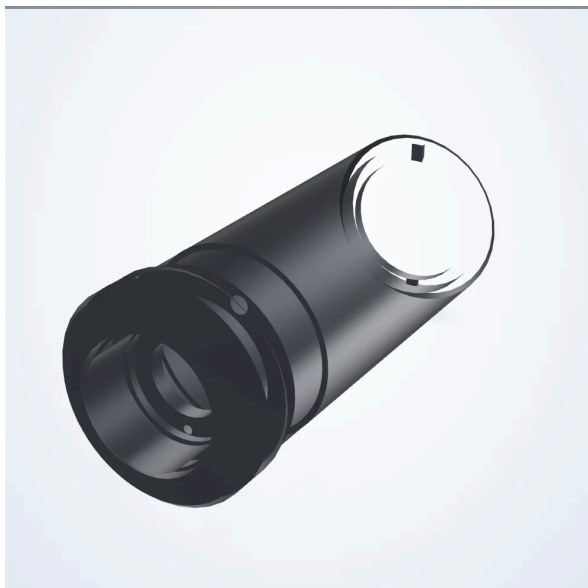


Telecentric lens series, C-mount (S11)

LS-TCL-S11 series · Telecentric lenses · 44 models

Working distance 43.1 mm; depth of field 2.8 mm.
Rendered illustration: the actual product may differ in appearance.



Common specifications

Mount	C-mount
Filter thread	No Filter Threads
Lens type	Telecentric
Operating temperature range	0 to 40°C
Storage temperature range	0 to 50°C

Models

Model	Magnification	Working distance	Sensor format	Depth of field	Dimensions approximate	Distortion maximum (%)	Distortion typical (%)
LS-TCL-0136	0.385×	43.1 mm	1/2"	2.8 mm	93 x 40 x 40 mm	< 0.08	< 0.04
LS-TCL-0137	0.255×	67.2 mm	1/2"	6.4 mm	117.8 x 44 x 44 mm	< 0.08	< 0.04
LS-TCL-0138	0.177×	102.5 mm	1/2"	13.2 mm	145.2 x 61 x 61 mm	< 0.1	< 0.04
LS-TCL-0139	0.134×	132.9 mm	1/2"	23.1 mm	181.5 x 75 x 75 mm	< 0.1	< 0.06
LS-TCL-0140	0.114×	157.8 mm	1/2"	31.9 mm	205 x 80 x 80 mm	< 0.08	< 0.04
LS-TCL-0141	0.1×	181.8 mm	1/2"	41.4 mm	225.9 x 100 x 100 mm	< 0.07	< 0.04

Model	Magnification	Working distance	Sensor format	Depth of field	Dimensions approximate	Distortion maximum (%)	Distortion typical (%)
LS-TCL-0142	0.08×	226.7 mm	1/2"	64.7 mm	271.5 x 116 x 116 mm	< 0.1	< 0.04
LS-TCL-0143	0.068×	278.6 mm	2/3"	89.5 mm	317 x 143 x 143 mm	< 0.08	< 0.03
LS-TCL-0144	0.052×	334.5 mm	1/2"	153.1 mm	402.7 x 180 x 180 mm	< 0.1	< 0.04
LS-TCL-0145	0.044×	396 mm	1/2"	213.8 mm	462.1 x 200 x 200 mm	< 0.08	< 0.05
LS-TCL-0146	0.033×	526.9 mm	1/2"	380.2 mm	602.6 x 260 x 260 mm	< 0.08	< 0.04
LS-TCL-0173	0.29×	43.1 mm	1/3"	4.9 mm	80.9 x 37. x 37.7 mm	< 0.08	< 0.04
LS-TCL-0174	0.192×	67.2 mm	1/3"	11.2 mm	105.6 x 44 x 44 mm	< 0.08	< 0.04
LS-TCL-0175	0.133×	102.5 mm	1/3"	23.4 mm	133 x 61 x 61 mm	< 0.08	< 0.03
LS-TCL-0176	0.098×	133.4 mm	1/3"	43.1 mm	167.9 x 75 x 75 mm	< 0.1	< 0.06
LS-TCL-0177	0.084×	157.8 mm	1/3"	58.7 mm	191.5 x 80 x 80 mm	< 0.08	< 0.04
LS-TCL-0178	0.074×	181.9 mm	1/3"	75.6 mm	212.3 x 100 x 100 mm	< 0.07	< 0.03
LS-TCL-0179	0.059×	225.9 mm	1/3"	118.9 mm	259.2 x 116 x 116 mm	< 0.08	< 0.03
LS-TCL-0180	0.05×	279.6 mm	1/2"	165.6 mm	303.3 x 143 x 143 mm	< 0.1	< 0.04
LS-TCL-0181	0.038×	334.5 mm	1/3"	286.7 mm	398.1 x 180 x 180 mm	< 0.1	< 0.04
LS-TCL-0182	0.033×	396 mm	1/3"	380.2 mm	448.8 x 200 x 200 mm	< 0.1	< 0.04
LS-TCL-0183	0.025×	527 mm	1/3"	662.4 mm	598.2 x 260 x 260 mm	< 0.1	< 0.04
LS-TCL-0235	2×	56 mm	2/3"	0.1 mm	101.4 x 28 x 28 mm	< 0.08	< 0.04
LS-TCL-0236	1.333×	60.1 mm	2/3"	0.3 mm	78.5 x 28 x 28 mm	< 0.08	< 0.03
LS-TCL-0237	1×	62.2 mm	2/3"	0.6 mm	65 x 28 x 28 mm	< 0.08	< 0.04
LS-TCL-0238	0.735×	53.9 mm	2/3"	1.3 mm	60.3 x 28 x 28 mm	< 0.1	< 0.04
LS-TCL-0239	0.528×	43.1 mm	2/3"	1.5 mm	112.7 x 37. x 37.7 mm	< 0.07	< 0.04
LS-TCL-0240	0.35×	67.2 mm	2/3"	3.4 mm	137.5 x 44 x 44 mm	< 0.1	< 0.04
LS-TCL-0241	0.243×	102.5 mm	2/3"	7 mm	164.9 x 61 x 61 mm	< 0.1	< 0.04
LS-TCL-0242	0.184×	132.9 mm	2/3"	12.2 mm	201 x 75 x 75 mm	< 0.1	< 0.05

Model	Magnification	Working distance	Sensor format	Depth of field	Dimensions approximate	Distortion maximum (%)	Distortion typical (%)
LS-TCL-0243	0.157×	157.8 mm	2/3"	16.8 mm	225 x 80 x 80 mm	< 0.08	< 0.03
LS-TCL-0244	0.138×	181.8 mm	2/3"	21.7 mm	245.5 x 100 x 100 mm	< 0.07	< 0.03
LS-TCL-0245	0.122×	226.7 mm	2/3"	27.8 mm	299.2 x 116 x 116 mm	< 0.07	< 0.03
LS-TCL-0246	0.11×	226.7 mm	2/3"	34.2 mm	291.2 x 116 x 116 mm	< 0.1	< 0.02
LS-TCL-0247	0.104×	279.7 mm	2/3"	38.3 mm	344.5 x 143 x 143 mm	< 0.08	< 0.02
LS-TCL-0248	0.093×	278.6 mm	2/3"	47.9 mm	336.6 x 143 x 143 mm	< 0.08	< 0.04
LS-TCL-0249	0.079×	334.5 mm	2/3"	66.3 mm	430.4 x 180 x 180 mm	< 0.07	< 0.03
LS-TCL-0250	0.072×	334.5 mm	2/3"	79.9 mm	422.4 x 180 x 180 mm	< 0.1	< 0.04
LS-TCL-0251	0.068×	396 mm	2/3"	89.5 mm	490 x 200 x 200 mm	< 0.1	< 0.04
LS-TCL-0252	0.061×	396 mm	2/3"	111.3 mm	481.9 x 200 x 200 mm	< 0.08	< 0.04
LS-TCL-0253	0.051×	526.9 mm	2/3"	159.2 mm	630.3 x 260 x 260 mm	< 0.1	< 0.04
LS-TCL-0254	0.046×	526.9 mm	2/3"	195.7 mm	622.3 x 260 x 260 mm	< 0.08	< 0.05
LS-TCL-0255	0.044×	492.8 mm	2/3"	213.8 mm	792 x 322 x 322 mm	< 0.1	< 0.05
LS-TCL-0256	0.037×	492.8 mm	2/3"	302.4 mm	775.1 x 322 x 322 mm	< 0.08	< 0.04

More values per model (FOV @ 1/1.8", Fov @ 1/2.0", Fov @ 1/2.5", FOV @ 1/2", Fov @ 1/3.0", FOV @ 2/3", Front diameter, Image circle, Resolution (pixel size), Telecentricity maximum, Telecentricity typical, Working f/n...) are on each product page.

Product views

