

Telecentric lens series, 35mm Full Frame

LS-TCL-S13 series · Telecentric lenses · 38 models

Working distance 57.8 mm; depth of field 0.2 mm. Rendered illustration: the actual product may differ in appearance.



Common specifications

Sensor format	35mm Full Frame
Filter thread	No Filter Threads
Image circle	43.3 mm
Lens type	Telecentric
Operating temperature range	0 to 40°C
Storage temperature range	0 to 50°C

Models

Model	Magnification	Working distance	Mount	Depth of field	Aps-c IMX342	CHR70M	CMV50000
LS-TCL-0184	3×	57.8 mm	F-mount	0.2 mm	7.45 x 5.59 mm	10.33 x 7.33 mm	12.14 x 9.21 mm
LS-TCL-0185	3×	57.8 mm	M58-mount	0.2 mm	7.45 x 5.59 mm	10.33 x 7.33 mm	12.14 x 9.21 mm
LS-TCL-0186	3×	57.8 mm	M58-mount	0.2 mm	7.45 x 5.59 mm	10.33 x 7.33 mm	12.14 x 9.21 mm
LS-TCL-0187	2×	57.8 mm	F-mount	0.3 mm	11.18 x 8.39 mm	15.5 x 11 mm	18.22 x 13.81 mm
LS-TCL-0188	2×	57.8 mm	M58-mount	0.3 mm	11.18 x 8.39 mm	15.5 x 11 mm	18.22 x 13.81 mm
LS-TCL-0189	2×	57.8 mm	M58-mount	0.3 mm	11.18 x 8.39 mm	15.5 x 11 mm	18.22 x 13.81 mm

Model	Magnification	Working distance	Mount	Depth of field	Aps-c IMX342	CHR70M	CMV50000
LS-TCL-0190	1×	102.6 mm	F-mount	1.3 mm	22.36 x 16.77 mm	31 x 21.99 mm	36.43 x 27.62 mm
LS-TCL-0191	1×	102.6 mm	M58-mount	1.3 mm	22.36 x 16.77 mm	31 x 21.99 mm	36.43 x 27.62 mm
LS-TCL-0192	1×	102.6 mm	M58-mount	1.3 mm	22.36 x 16.77 mm	31 x 21.99 mm	36.43 x 27.62 mm
LS-TCL-0194	0.75×	125.6 mm	M58-mount	2.3 mm	29.81 x 22.36 mm	41.33 x 29.32 mm	48.58 x 36.82 mm
LS-TCL-0195	0.75×	125.6 mm	M58-mount	2.3 mm	29.81 x 22.36 mm	41.33 x 29.32 mm	48.58 x 36.82 mm
LS-TCL-0196	0.641×	148.6 mm	F-mount	3.2 mm	34.88 x 26.16 mm	48.36 x 34.31 mm	56.84 x 43.09 mm
LS-TCL-0197	0.641×	148.6 mm	M58-mount	3.2 mm	34.88 x 26.16 mm	48.36 x 34.31 mm	56.84 x 43.09 mm
LS-TCL-0198	0.641×	148.6 mm	M58-mount	3.2 mm	34.88 x 26.16 mm	48.36 x 34.31 mm	56.84 x 43.09 mm
LS-TCL-0199	0.561×	170.6 mm	F-mount	4.2 mm	39.86 x 29.89 mm	55.26 x 39.2 mm	64.94 x 49.23 mm
LS-TCL-0200	0.561×	170.6 mm	M58-mount	4.2 mm	39.86 x 29.89 mm	55.26 x 39.2 mm	64.94 x 49.23 mm
LS-TCL-0201	0.561×	170.6 mm	M58-mount	4.2 mm	39.86 x 29.89 mm	55.26 x 39.2 mm	64.94 x 49.23 mm
LS-TCL-0202	0.463×	197.3 mm	F-mount	6.2 mm	48.29 x 36.22 mm	66.95 x 47.5 mm	78.69 x 59.65 mm
LS-TCL-0203	0.463×	197.3 mm	M58-mount	6.2 mm	48.29 x 36.22 mm	66.95 x 47.5 mm	78.69 x 59.65 mm
LS-TCL-0204	0.463×	197.3 mm	M58-mount	6.2 mm	48.29 x 36.22 mm	66.95 x 47.5 mm	78.69 x 59.65 mm
LS-TCL-0205	0.38×	262.3 mm	F-mount	9.1 mm	58.84 x 44.13 mm	81.58 x 57.87 mm	95.87 x 72.68 mm
LS-TCL-0206	0.38×	262.3 mm	M58-mount	9.1 mm	58.84 x 44.13 mm	81.58 x 57.87 mm	95.87 x 72.68 mm
LS-TCL-0207	0.38×	262.3 mm	M58-mount	9.1 mm	58.84 x 44.13 mm	81.58 x 57.87 mm	95.87 x 72.68 mm
LS-TCL-0208	0.289×	331.6 mm	F-mount	15.8 mm	77.37 x 58.03 mm	107.27 x 76.09 mm	126.06 x 95.56 mm
LS-TCL-0209	0.289×	331.6 mm	M58-mount	15.8 mm	77.37 x 58.03 mm	107.27 x 76.09 mm	126.06 x 95.56 mm
LS-TCL-0210	0.289×	331.6 mm	M58-mount	15.8 mm	77.37 x 58.03 mm	107.27 x 76.09 mm	126.06 x 95.56 mm
LS-TCL-0211	0.245×	397.4 mm	F-mount	22 mm	91.27 x 68.45 mm	126.53 x 89.76 mm	148.70 x 112.73 mm
LS-TCL-0212	0.245×	397.4 mm	M58-mount	22 mm	91.27 x 68.45 mm	126.53 x 89.76 mm	148.70 x 112.73 mm
LS-TCL-0213	0.245×	397.4 mm	M58-mount	22 mm	91.27 x 68.45 mm	126.53 x 89.76 mm	148.70 x 112.73 mm
LS-TCL-0214	0.187×	457.5 mm	F-mount	37.7 mm	119.57 x 89.68 mm	165.78 x 117.6 mm	194.82 x 147.69 mm

Model	Magnification	Working distance	Mount	Depth of field	Aps-c IMX342	CHR70M	CMV50000
LS-TCL-0215	0.187×	457.5 mm	M58-mount	37.7 mm	119.57 x 89.68 mm	165.78 x 117.6 mm	194.82 x 147.69 mm
LS-TCL-0216	0.187×	457.5 mm	M58-mount	37.7 mm	119.57 x 89.68 mm	165.78 x 117.6 mm	194.82 x 147.69 mm
LS-TCL-0217	0.15×	542.8 mm	F-mount	58.7 mm	149.07 x 111.8 mm	206.67 x 146.61 mm	242.88 x 184.12 mm
LS-TCL-0218	0.15×	542.8 mm	M58-mount	58.7 mm	149.07 x 111.8 mm	206.67 x 146.61 mm	242.88 x 184.12 mm
LS-TCL-0219	0.15×	542.8 mm	M58-mount	58.7 mm	149.07 x 111.8 mm	206.67 x 146.61 mm	242.88 x 184.12 mm
LS-TCL-0220	0.116×	500 mm	F-mount	49 mm	192.76 x 144.57 mm	267.24 x 189.58 mm	314.07 x 238.09 mm
LS-TCL-0221	0.116×	500 mm	M58-mount	49 mm	192.76 x 144.57 mm	267.24 x 189.58 mm	314.07 x 238.09 mm
LS-TCL-0222	0.116×	500 mm	M58-mount	49 mm	192.76 x 144.57 mm	267.24 x 189.58 mm	314.07 x 238.09 mm

More values per model (Dimensions approximate, Distortion maximum (%), Distortion typical (%), Fov @ full frame, Front diameter, Line 8k-5μm, Resolution (pixel size), Telecentricity maximum, Telecentricity typical, Working f/n, Weight) are on each product page.

Product views

