

Telecentric lens series, 2/3", C-mount (S30)

LS-TCL-S30 series · Telecentric lenses · 8 models

Working distance 43.1 mm.
Rendered illustration: the actual product may differ in appearance.



Common specifications

Sensor format	2/3"
Mount	C-mount
Filter thread	No Filter Threads
Lens type	Telecentric
Mount tilt maximum	20 °
Operating temperature range	0 to 40°C
Storage temperature range	0 to 50°C
Working f/n	f/8

Models

Model	Magnification	Working distance	Dimensions approximate	Distortion maximum (%)	Distortion typical (%)	Fov detector long side horizontal @ 1/1.8"	Fov detector long side horizontal @ 1/2.0"
LS-TCL-0440	0.478× Vertical	43.1 mm	112.6 x 37. x 37.7 mm	< 0.07	< 0.04	013.50 x 10.09 mm - 13.50 x 10.21 mm - 13.50 x 10.55 mm - 13.50 x 11.15	12.12 x 9.09 - 12.12 x 9.2 - 12.12 x 9.5 - 12.12 x 10.04
LS-TCL-0441	0.262× Vertical	67.2 mm	137.5 x 44 x 44 mm	< 0.1	< 0.04	020.37 x 15.23 mm - 20.37 x 15.68 mm - 20.37 x 17.25 mm - 20.37 x 20.34	18.29 x 13.71 - 18.29 x 14.12 - 18.29 x 15.53 - 18.29 x 18.32
LS-TCL-0442	0.177× Vertical	102.5 mm	164.9 x 61 x 61 mm	< 0.1	< 0.04	029.34 x 21.93 mm - 29.34 x 22.68 mm - 29.34 x 25.14 mm - 29.34 x 30.11	26.34 x 19.75 - 26.34 x 20.43 - 26.34 x 22.64 - 26.34 x 27.12
LS-TCL-0443	0.133× Vertical	132.9 mm	200.6 x 75 x 75 mm	< 0.1	< 0.05	038.54 x 28.81 mm - 38.54 x 29.78 mm - 38.54 x 33.11 mm - 38.54 x 40.08	34.59 x 25.95 - 34.59 x 26.82 - 34.59 x 29.81 - 34.59 x 36.09
LS-TCL-0444	0.112× Vertical	157.8 mm	224.4 x 80 x 80 mm	< 0.08	< 0.03	040.76 x 30.57 mm - 40.76 x 31.58 mm - 40.76 x 35.04 mm - 40.76 x 42.86	40.76 x 30.57 - 40.76 x 31.58 - 40.76 x 35.04 - 40.76 x 42.86
LS-TCL-0445	0.098× Vertical	181.8 mm	245.5 x 100 x 100 mm	< 0.07	< 0.03	052.04 x 38.91 mm - 52.04 x 40.38 mm - 52.04 x 44.79 mm - 52.04 x 54.39	46.72 x 35.04 - 46.72 x 36.36 - 46.72 x 40.34 - 46.72 x 48.98
LS-TCL-0446	0.078× Vertical	226.7 mm	291.2 x 116 x 116 mm	< 0.1	< 0.02	064.82 x 48.45 mm - 64.82 x 50.28 mm - 64.82 x 56.11 mm - 64.82 x 68.33	58.18 x 43.64 - 58.18 x 45.28 - 58.18 x 50.53 - 58.18 x 61.54
LS-TCL-0447	0.066× Vertical	278.6 mm	336.6 x 143 x 143 mm	< 0.08	< 0.04	076.67 x 57.31 mm - 76.67 x 59.22 mm - 76.67 x 65.80 mm - 76.67 x 80.76	68.82 x 51.61 - 68.82 x 53.33 - 68.82 x 59.26 - 68.82 x 72.73

More values per model (Fov detector long side horizontal @ 1/2.5", Fov detector long side horizontal @ 1/2", Fov detector long side horizontal @ 1/3.0", Fov detector long side horizontal @ 1/3", Fov detector long side horizontal @ 2/3.0", Fov detector long side horizontal @ 2/3", Fov detector long side vertical @ 1/1.8", Fov detector long side vertical @ 1/2.0" (mm), Fov detector long side vertical @ 1/2.5", Fov detector long side vertical @ 1/2", Fov detector long side vertical @ 1/3.0", Fov detector long side vertical @ 1/3"...) are on each product page.

Product views

