

Telecentric lens series, 1", C-mount

LS-TCL-S15 series · Telecentric lenses · 12 models

Working distance 43.1 mm; depth of field 1.4 mm. Rendered illustration: the actual product may differ in appearance.



Common specifications

Sensor format	1"
Mount	C-mount
Distortion maximum (%)	< 0.1
Filter thread	No Filter Threads
Image circle	16 mm
Lens type	Telecentric
Operating temperature range	0 to 40°C
Storage temperature range	0 to 50°C
Telecentricity maximum	0.10°

Models

Model	Magnification	Working distance	Depth of field	Dimensions approximate	Distortion typical (%)	Fov @ 1.2"	FOV @ 1"
LS-TCL-0257	0.768×	43.1 mm	1.4 mm	142.4 x 37. x 37.7 mm	< 0.04	14.78 x 9.28 mm	18.48 x 9.78 mm
LS-TCL-0258	0.509×	67.2 mm	2.2 mm	167.4 x 44 x 44 mm	< 0.04	22.30 x 14.01 mm	27.88 x 14.75 mm
LS-TCL-0259	0.354×	102.6 mm	4.5 mm	197.7 x 61 x 61 mm	< 0.08	32.06 x 20.14 mm	40.08 x 21.21 mm
LS-TCL-0260	0.267×	132.9 mm	5.8 mm	233.7 x 75 x 75 mm	< 0.08	42.51 x 26.7 mm	53.15 x 28.13 mm
LS-TCL-0261	0.228×	157.8 mm	8 mm	256.6 x 80 x 80 mm	< 0.05	49.78 x 31.27 mm	62.24 x 32.94 mm
LS-TCL-0262	0.227×	181.9 mm	10.4 mm	278.2 x 100 x 100 mm	< 0.05	56.75 x 35.65 mm	70.95 x 37.55 mm
LS-TCL-0263	0.16×	226.8 mm	16.2 mm	323.9 x 116 x 116 mm	< 0.05	70.94 x 44.56 mm	88.69 x 46.94 mm
LS-TCL-0264	0.136×	278.6 mm	22.4 mm	365.2 x 143 x 143 mm	< 0.07	83.46 x 52.43 mm	104.34 x 55.22 mm
LS-TCL-0265	0.104×	334.6 mm	38.3 mm	451.3 x 180 x 180 mm	< 0.07	109.13 x 68.56 mm	136.44 x 72.21 mm
LS-TCL-0266	0.089×	396 mm	52.3 mm	510.8 x 200 x 200 mm	< 0.05	127.53 x 80.11 mm	159.44 x 84.38 mm
LS-TCL-0267	0.067×	527.6 mm	92.2 mm	651.2 x 260 x 260 mm	< 0.04	169.40 x 106.42 mm	211.79 x 112.09 mm
LS-TCL-0268	0.053×	492.8 mm	147.4 mm	790.6 x 322 x 322 mm	< 0.04	214.15 x 134.53 mm	267.74 x 141.7 mm

More values per model (FOV @ 2/3", Front diameter, Resolution (pixel size), Telecentricity typical, Working f/n, Weight) are on each product page.

Product views

