

Telecentric lens series, 1.1", C-mount (S16)

LS-TCL-S16 series · Telecentric lenses · 12 models

Working distance 43.1 mm; depth of field 0.8 mm.
Rendered illustration: the actual product may differ in appearance.



Common specifications

Sensor format	1.1"
Mount	C-mount
Distortion maximum (%)	< 0.1
Distortion typical (%)	< 0.08
Filter thread	No Filter Threads
Image circle	17.6 mm
Lens type	Telecentric
Operating temperature range	0 to 40°C
Storage temperature range	0 to 50°C
Telecentricity maximum	0.10°
Telecentricity typical	< 0.08°

Models

Model	Magnification	Working distance	Depth of field	Dimensions approximate	FOV @ 1.1"	Fov @ 1.2"	FOV @ 1"
LS-TCL-0269	0.85×	43.1 mm	0.8 mm	155.2 x 37. x 37.7 mm	16.66 x 12.2 mm	13.35 x 8.39 mm	16.69 x 8.84 mm
LS-TCL-0270	0.564×	67.2 mm	1.8 mm	177 x 44 x 44 mm	25.11 x 18.39 mm	20.12 x 12.64 mm	25.16 x 13.32 mm
LS-TCL-0271	0.392×	102.6 mm	3.7 mm	204.4 x 61 x 61 mm	36.12 x 26.45 mm	28.95 x 18.19 mm	36.20 x 19.16 mm
LS-TCL-0272	0.303×	132.9 mm	4.5 mm	223.4 x 75 x 75 mm	46.73 x 34.22 mm	37.46 x 23.53 mm	46.83 x 24.79 mm
LS-TCL-0273	0.259×	157.8 mm	6.2 mm	246.7 x 80 x 80 mm	54.67 x 40.04 mm	43.82 x 27.53 mm	54.79 x 29 mm
LS-TCL-0274	0.227×	181.9 mm	8 mm	284 x 100 x 100 mm	62.38 x 45.68 mm	50.00 x 31.41 mm	62.51 x 33.08 mm
LS-TCL-0275	0.182×	226.8 mm	12.5 mm	313.7 x 116 x 116 mm	77.8 x 56.98 mm	62.36 x 39.18 mm	77.97 x 41.26 mm
LS-TCL-0276	0.153×	278.6 mm	17.7 mm	354.7 x 143 x 143 mm	92.55 x 67.78 mm	74.18 x 46.6 mm	92.75 x 49.08 mm
LS-TCL-0277	0.118×	334.6 mm	29.7 mm	440.4 x 180 x 180 mm	120 x 87.88 mm	96.19 x 60.42 mm	120.25 x 63.64 mm
LS-TCL-0278	0.1×	396 mm	41.4 mm	499.8 x 200 x 200 mm	141.6 x 103.7 mm	113.50 x 71.3 mm	141.90 x 75.1 mm
LS-TCL-0279	0.075×	527.6 mm	73.6 mm	640.3 x 260 x 260 mm	188.8 x 138.27 mm	151.33 x 95.07 mm	189.20 x 100.13 mm
LS-TCL-0280	0.059×	492.9 mm	118.9 mm	801.6 x 322 x 322 mm	240 x 175.76 mm	192.37 x 120.85 mm	240.51 x 127.29 mm

More values per model (Front diameter, Resolution (pixel size), Working f/n, Weight) are on each product page.

Product views

