

Telecentric lens series, 2/3", C-mount (S19)

LS-TCL-S19 series · Telecentric lenses · 9 models

Working distance 62.2 mm; depth of field 0.6 mm.
Rendered illustration: the actual product may differ in appearance.



Common specifications

Sensor format	2/3"
Mount	C-mount
Filter thread	No Filter Threads
Image circle	11 mm
Installation location	Indoor Use Only
LED current	350 mA
LED voltage	3.3 Volts
LED voltage maximum	4 Volts
Lens type	Telecentric
Light color	Green
Operating relative humidity (%)	20–85 Non Condensing
Operating temperature range	0 to 40°C
Power consumption maximum	2.5 Watts
Pulse current maximum	2000 mA
Storage temperature range	0 to 50°C
Supply voltage	12 – 24 Volts
Wavelength	520 nm

Models

Model	Magnification	Working distance	Depth of field	Dimensions approximate	Distortion maximum (%)	Distortion typical (%)	FOV @ 1/1.8"
LS-TCL-0338	1×	62.2 mm	0.6 mm	285 x 56 x 79 mm	< 0.08	< 0.04	7.13 x 5.33 mm
LS-TCL-0339	0.528×	43.1 mm	1.5 mm	311 x 66 x 81 mm	< 0.07	< 0.04	13.50 x 10.09 mm
LS-TCL-0340	0.35×	67.2 mm	3.4 mm	389 x 66 x 81 mm	< 0.1	< 0.04	20.37 x 15.23 mm
LS-TCL-0341	0.243×	102.5 mm	7 mm	545 x 103 x 141 mm	< 0.1	< 0.04	29.34 x 21.93 mm
LS-TCL-0342	0.184×	132.9 mm	12.2 mm	653 x 117 x 148 mm	< 0.1	< 0.05	38.75 x 28.97 mm
LS-TCL-0343	0.157×	157.8 mm	16.8 mm	712 x 122 x 150 mm	< 0.08	< 0.03	45.41 x 33.95 mm
LS-TCL-0344	0.138×	181.8 mm	21.7 mm	845 x 143 x 161 mm	< 0.07	< 0.03	1.67 x 38.62 mm
LS-TCL-0345	0.11×	226.7 mm	34.2 mm	936 x 158 x 168 mm	< 0.1	< 0.02	64.82 x 48.45 mm
LS-TCL-0346	0.093×	278.6 mm	47.9 mm	1084 x 185 x 207 mm	< 0.08	< 0.04	76.67 x 57.31 mm

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

Product views

