

Telecentric lens series, 2/3", C-mount (S26)

LS-TCL-S26 series · Telecentric lenses · 14 models

Connection:
m8; working
distance
132.3 mm;
depth of
field 2.5
mm.
Rendered
illustration:
the actual
product
may differ in
appearance.



Common specifications

Working distance	132.3 mm
Sensor format	2/3"
Mount	C-mount
Connector	M8
Filter thread	No Filter Threads
Front diameter	37.7 mm
Image circle	11 mm
Installation location	Indoor Use Only
LED current	350 mA
Lens type	Telecentric
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
Telecentricity maximum	0.06°
Telecentricity typical	< 0.04°

Models

Model	Magnification	Depth of field	Dimensions approximate	Distortion maximum (%)	Distortion typical (%)	FOV @ 1/1.8"	Fov @ 1/2.0"
LS-TCL-0391	0.5×	2.5 mm	131.2 x 37. x 37.7 mm	< 0.2	< 0.1	14.26 x 10.66 mm	12.80 x 9.60 mm
LS-TCL-0392	0.5×	2.5 mm	131.2 x 37. x 37.7 mm	< 0.2	< 0.1	14.26 x 10.66 mm	12.80 x 9.60 mm
LS-TCL-0393	0.66×	1.4 mm	149.8 x 37. x 37.7 mm	< 0.2	< 0.1	10.80 x 8.08 mm	9.70 x 7.27 mm
LS-TCL-0394	0.66×	1.4 mm	149.8 x 37. x 37.7 mm	< 0.2	< 0.1	10.80 x 8.08 mm	9.70 x 7.27 mm
LS-TCL-0395	0.75×	1.1 mm	155.5 x 37. x 37.7 mm	< 0.2	< 0.1	9.51 x 7.11 mm	8.53 x 6.40 mm
LS-TCL-0396	0.75×	1.1 mm	155.5 x 37. x 37.7 mm	< 0.2	< 0.1	9.51 x 7.11 mm	8.53 x 6.40 mm
LS-TCL-0397	1×	0.6 mm	132.9 x 37. x 37.7 mm	< 0.1	< 0.05	7.13 x 5.33 mm	6.40 x 4.80 mm
LS-TCL-0398	1×	0.6 mm	132.9 x 37. x 37.7 mm	< 0.1	< 0.05	7.13 x 5.33 mm	6.40 x 4.80 mm
LS-TCL-0399	1.5×	0.4 mm	147.2 x 37. x 37.7 mm	< 0.1	< 0.05	4.75 x 3.55 mm	4.27 x 3.20 mm
LS-TCL-0400	1.5×	0.4 mm	147.2 x 37. x 37.7 mm	< 0.1	< 0.05	4.75 x 3.55 mm	4.27 x 3.20 mm
LS-TCL-0401	2.5×	0.2 mm	163.9 x 37. x 37.7 mm	< 0.1	< 0.05	2.85 x 2.13 mm	2.56 x 1.92 mm
LS-TCL-0402	2.5×	0.2 mm	163.9 x 37. x 37.7 mm	< 0.1	< 0.05	2.85 x 2.13 mm	2.56 x 1.92 mm
LS-TCL-0403	3.5×	0.1 mm	181.5 x 37. x 37.7 mm	< 0.1	< 0.05	2.04 x 1.52 mm	1.83 x 1.37 mm
LS-TCL-0404	3.5×	0.1 mm	181.5 x 37. x 37.7 mm	< 0.1	< 0.05	2.04 x 1.52 mm	1.83 x 1.37 mm

More values per model (Fov @ 1/2.5", FOV @ 1/2", Fov @ 1/3.0", FOV @ 2/3", LED voltage, LED voltage maximum, Light color, Resolution (pixel size), Spectral fwhm, Wavelength, Working f/n, Weight) are on each product page.

Product views

