

Telecentric lens series, C-mount, M8

LS-TCL-S27 series · Telecentric lenses · 20 models

Connection:
m8; working
distance
89.6 mm;
depth of
field 34.2
mm.
Rendered
illustration:
the actual
product
may differ in
appearance.



Common specifications

Mount	C-mount
Connector	M8
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

Models

Model	Dimensions approximate	Distortion maximum (%)	Distortion typical (%)	FOV @ 1/1.8"	Fov @ 1/2.0"	Fov @ 1/2.5"	FOV @ 1/2"
LS-TCL-0405	429.1 x 144 x 415.2 mm	< 0.1	< 0.02	64.82 x 48.45 mm	58.18 x 43.64 mm	51.82 x 38.91 mm	58.18 x 43.64 mm
LS-TCL-0406	429.1 x 144 x 415.2 mm	< 0.1	< 0.02	64.82 x 48.45 mm	58.18 x 43.64 mm	51.82 x 38.91 mm	58.18 x 43.64 mm
LS-TCL-0407	363.7 x 128 x 349.9 mm	< 0.08	< 0.03	51.67 x 38.62 mm	46.38 x 34.78 mm	41.30 x 31.01 mm	46.38 x 34.78 mm
LS-TCL-0408	363.7 x 128 x 349.9 mm	< 0.08	< 0.03	51.67 x 38.62 mm	46.38 x 34.78 mm	41.30 x 31.01 mm	46.38 x 34.78 mm
LS-TCL-0409	336.3 x 108 x 318.8 mm	< 0.08	< 0.03	45.41 x 33.95 mm	40.76 x 30.57 mm	36.31 x 27.26 mm	40.76 x 30.57 mm
LS-TCL-0410	336.3 x 108 x 318.8 mm	< 0.08	< 0.03	45.41 x 33.95 mm	40.76 x 30.57 mm	36.31 x 27.26 mm	40.76 x 30.57 mm
LS-TCL-0411	299.2 x 102 x 284.8 mm	< 0.1	< 0.05	38.75 x 28.97 mm	34.78 x 26.09 mm	30.98 x 23.26 mm	34.78 x 26.09 mm
LS-TCL-0412	299.2 x 102 x 284.8 mm	< 0.1	< 0.05	38.75 x 28.97 mm	34.78 x 26.09 mm	30.98 x 23.26 mm	34.78 x 26.09 mm
LS-TCL-0413	248.3 x 88 x 235.5 mm	< 0.1	< 0.04	29.34 x 21.93 mm	26.34 x 19.75 mm	23.46 x 17.61 mm	26.34 x 19.75 mm
LS-TCL-0414	248.3 x 88 x 235.5 mm	< 0.1	< 0.04	29.34 x 21.93 mm	26.34 x 19.75 mm	23.46 x 17.61 mm	26.34 x 19.75 mm
LS-TCL-0415	185.5 x 64 x 155 mm	< 0.2	< 0.1	14.26 x 10.66 mm	12.80 x 9.60 mm	11.40 x 8.56 mm	12.80 x 9.60 mm
LS-TCL-0416	185.5 x 64 x 155 mm	< 0.2	< 0.1	14.26 x 10.66 mm	12.80 x 9.60 mm	11.40 x 8.56 mm	12.80 x 9.60 mm
LS-TCL-0417	204.1 x 64 x 155 mm	< 0.2	< 0.1	10.80 x 8.08 mm	9.70 x 7.27 mm	8.64 x 6.48 mm	9.70 x 7.27 mm
LS-TCL-0418	204.1 x 64 x 155 mm	< 0.2	< 0.1	10.80 x 8.08 mm	9.70 x 7.27 mm	8.64 x 6.48 mm	9.70 x 7.27 mm
LS-TCL-0419	209.8 x 64 x 155 mm	< 0.2	< 0.1	9.51 x 7.11 mm	8.53 x 6.40 mm	7.60 x 5.71 mm	8.53 x 6.40 mm
LS-TCL-0420	209.8 x 64 x 155 mm	< 0.2	< 0.1	9.51 x 7.11 mm	8.53 x 6.40 mm	7.60 x 5.71 mm	8.53 x 6.40 mm
LS-TCL-0421	181 x 64 x 155 mm	< 0.1	< 0.05	7.13 x 5.33 mm	6.40 x 4.80 mm	5.70 x 4.28 mm	6.40 x 4.80 mm
LS-TCL-0422	181 x 64 x 155 mm	< 0.1	< 0.05	7.13 x 5.33 mm	6.40 x 4.80 mm	5.70 x 4.28 mm	6.40 x 4.80 mm
LS-TCL-0423	195.4 x 64 x 155 mm	< 0.1	< 0.05	4.75 x 3.55 mm	4.27 x 3.20 mm	3.80 x 2.85 mm	4.27 x 3.20 mm
LS-TCL-0424	195.4 x 64 x 155 mm	< 0.1	< 0.05	4.75 x 3.55 mm	4.27 x 3.20 mm	3.80 x 2.85 mm	4.27 x 3.20 mm

More values per model (Magnification, Working distance, Sensor format, Depth of field, Filter thread, Fov @ 1/3.0", FOV @ 2/3", LED voltage, LED voltage maximum, Light color, Resolution (pixel size), Spectral fwhm...) are on each product page.

Product views

