

1× telecentric lens, 35mm Full Frame, F-mount

LS-TCL-0190 series · Telecentric lenses · 1 model

Telecentric lens with constant magnification across the depth of field, for measurement and gauging without perspective error. Working distance 102.6 mm; depth of field 1.3 mm. Rendered illustration: the actual product may differ in appearance.



Common specifications

Magnification	1×
Working distance	102.6 mm
Sensor format	35mm Full Frame
Mount	F-Mount
Depth of field	1.3 mm
Aps-c IMX342	22.36 x 16.77 mm
CHR70M	31 x 21.99 mm
CMV50000	36.43 x 27.62 mm
Dimensions approximate	309 x 61 x 61 mm
Distortion maximum (%)	< 0.03
Distortion typical (%)	< 0.02
Filter thread	No Filter Threads
Fov @ full frame	36 x 24 mm
Front diameter	61 mm
Image circle	43.3 mm
Lens type	Telecentric
Line 8k-5µm	40.8 mm
Operating temperature range	0 to 40°C
Resolution (pixel size)	10 µm
Storage temperature range	0 to 50°C

Telecentricity maximum	0.05°
Telecentricity typical	< 0.03°
Working f/n	f/16
Weight	1061 Grams

Models

Model
LS-TCL-0190

Product views

