

0.033× telecentric lens, 1/1.8", C-mount

LS-TCL-0348 series · Telecentric lenses · 1 model

Telecentric lens with constant magnification across the depth of field, for measurement and gauging without perspective error. Working distance 328 mm; depth of field 382.5 mm. Rendered illustration: the actual product may differ in appearance.



Common specifications

Magnification	0.033×
Working distance	328 mm
Sensor format	1/1.8"
Mount	C-Mount
Depth of field	382.5 mm
Dimensions approximate	358 x 344 x 410 mm
Distortion maximum (%)	< 0.8
Distortion typical (%)	< 0.8
Filter thread	No Filter Threads
Fov @ 1/1.8"	200 x 162.01 mm
Fov @ 1/2.0"	194.53 x 145.90 mm
Fov @ 1/2.5"	173.25 x 130.09 mm
Fov @ 1/2"	194.53 x 145.90 mm
Fov @ 1/3.0"	145.90 x 109.42 mm
Image size dimensions	7.48 x 5.6 mm
Lens type	Telecentric
Operating temperature range	0 to 40°C
Residual distortion (%)	< 0.01
Resolution (pixel size)	154.3 μm
Storage temperature range	0 to 50°C

Telecentricity maximum	0.18°
Telecentricity typical	< 0.12°
Working f/n	f/8
Weight	8897 Grams

Models

Model
LS-TCL-0348

Product views

