

0.177× telecentric lens, 1/2", C-mount

LS-TCL-0138 series · Telecentric lenses · 1 model

Telecentric lens with constant magnification across the depth of field, for measurement and gauging without perspective error. Working distance 102.5 mm; depth of field 13.2 mm. Rendered illustration: the actual product may differ in appearance.



Common specifications

Magnification	0.177×
Working distance	102.5 mm
Sensor format	1/2"
Mount	C-Mount
Depth of field	13.2 mm
Dimensions approximate	145.2 x 61 x 61 mm
Distortion maximum (%)	< 0.1
Distortion typical (%)	< 0.04
Filter thread	No Filter Threads
Fov @ 1/1.8"	40.28 x 30.11 mm
Fov @ 1/2.0"	36.16 x 27.12 mm
Fov @ 1/2.5"	32.20 x 24.18 mm
Fov @ 1/2"	36.16 x 27.12 mm
Fov @ 1/3.0"	27.12 x 20.34 mm
Fov @ 2/3"	40 mm ø
Front diameter	61 mm
Image circle	8 mm
Lens type	Telecentric
Operating temperature range	0 to 40°C
Resolution (pixel size)	29 µm

Storage temperature range	0 to 50°C
Telecentricity maximum	0.08°
Telecentricity typical	< 0.03°
Working f/n	f/8
Weight	456 Grams

Models

Model
LS-TCL-0138

Product views

