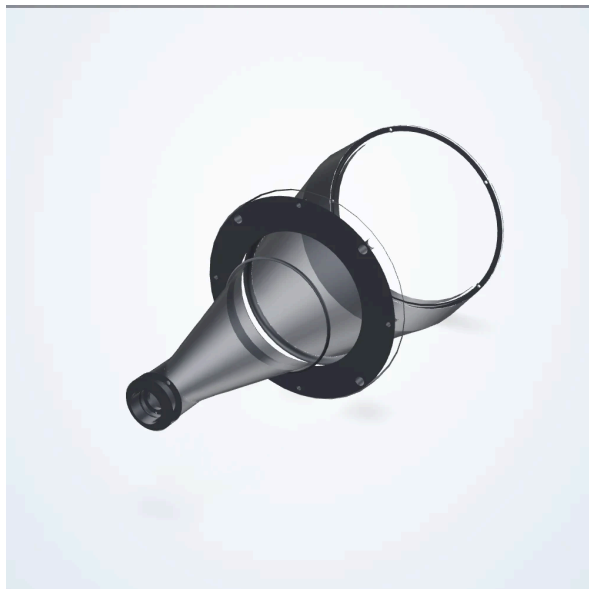


0.052× telecentric lens, 1/2", C-mount

LS-TCL-0144 series · Telecentric lenses · 1 model

Telecentric lens with constant magnification across the depth of field, for measurement and gauging without perspective error. Working distance 334.5 mm; depth of field 153.1 mm. Rendered illustration: the actual product may differ in appearance.



Common specifications

Magnification	0.052×
Working distance	334.5 mm
Sensor format	1/2"
Mount	C-Mount
Depth of field	153.1 mm
Dimensions approximate	402.7 x 180 x 180 mm
Distortion maximum (%)	< 0.1
Distortion typical (%)	< 0.04
Filter thread	No Filter Threads
Fov @ 1/1.8"	137.12 x 102.50 mm
Fov @ 1/2.0"	123.08 x 92.31 mm
Fov @ 1/2.5"	109.62 x 82.31 mm
Fov @ 1/2"	123.08 x 92.31 mm
Fov @ 1/3.0"	92.31 x 69.23 mm
Fov @ 2/3"	136 mm ø
Front diameter	180 mm
Image circle	8 mm
Lens type	Telecentric
Operating temperature range	0 to 40°C
Resolution (pixel size)	98 µm

Storage temperature range	0 to 50°C
Telecentricity maximum	0.08°
Telecentricity typical	< 0.06°
Working f/n	f/8
Weight	4666 Grams

Models

Model
LS-TCL-0144

Product views

