

0.177× Vertical telecentric lens, 2/3", C-mount

LS-TCL-0442 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. Rendered illustration: the actual product may differ in appearance.



Common specifications

Magnification	0.177× Vertical
Working distance	102.5 mm
Sensor format	2/3"
Mount	C-Mount
Dimensions approximate	164.9 x 61 x 61 mm
Distortion maximum (%)	< 0.1
Distortion typical (%)	< 0.04
Filter thread	No Filter Threads
Fov detector long side horizontal @ 1/1.8"	029.34 x 21.93 mm - 29.34 x 22.68 mm - 29.34 x 25.14 mm - 29.34 x 30.11
Fov detector long side horizontal @ 1/2.0"	26.34 x 19.75 - 26.34 x 20.43 - 26.34 x 22.64 - 26.34 x 27.12
Fov detector long side horizontal @ 1/2.5"	23.46 x 17.61 - 23.46 x 18.21 - 23.46 x 20.19 - 23.46 x 24.18
Fov detector long side horizontal @ 1/2"	26.34 x 19.75 26.34 x 20.43 26.34 x 22.64 26.34 x 27.12
Fov detector long side horizontal @ 1/3.0"	19.75 x 14.81 mm - 19.75 x 15.32 mm - 19.75 x 16.98 mm - 19.75 x 20.34 mm
Fov detector long side horizontal @ 1/3"	19.75 x 14.81 mm 19.75 x 15.32 mm 19.75 x 16.98 mm 19.75 x 20.34 mm
Fov detector long side horizontal @ 2/3.0"	34.98 x 29.18 mm - 34.98 x 30.17 mm - 34.98 x 33.44 mm - 34.98 x 40.06 mm
Fov detector long side horizontal @ 2/3"	34.98 x 29.18 mm 34.98 x 30.17 mm 34.98 x 33.44 mm 34.98 x 40.06 mm
Fov detector long side vertical @ 1/1.8"	19.75 x 17.61 mm - 20.43 x 17.61 mm - 22.64 x 17.61 mm - 27.12 x 17.61
Fov detector long side vertical @ 1/2.0" (mm)	19.75 x 26.34
Fov detector long side vertical @ 1/2.5"	17.61 x 23.46 - 17.61 x 24.26 - 17.61 x 26.89 - 17.61 x 32.20
Fov detector long side vertical @ 1/2"	19.75 x 26.34 19.75 x 27.23 19.75 x 30.19 19.75 x 36.16
Fov detector long side vertical @ 1/3.0"	14.81 x 19.75 mm - 14.81 x 20.43 mm - 14.81 x 22.64 mm - 14.81 x 27.12 mm
Fov detector long side vertical @ 1/3"	14.81 x 19.75 mm 14.81 x 20.43 mm 14.81 x 22.64 mm 14.81 x 27.12 mm