

1.825× telecentric lens, APS-H, M42-mount

LS-TCL-0148 series · Telecentric lenses · 1 model

Telecentric lens with constant magnification across the depth of field, for measurement and gauging without perspective error. Working distance 42.3 mm; depth of field 0.4 mm. Rendered illustration: the actual product may differ in appearance.



Common specifications

Magnification	1.825×
Working distance	42.3 mm
Sensor format	APS-H
Mount	M42-Mount
Depth of field	0.4 mm
Aps-c IMX342	12.25 x 9.19 mm
Aps-h python 25K	12.62 x 12.62 mm
Dimensions approximate	247.5 x 37. x 37.7 mm
Distortion maximum (%)	< 0.1
Distortion typical (%)	< 0.08
Filter thread	No Filter Threads
Front diameter	37.7 mm
Image circle	33.5 mm
Lens type	Telecentric
Line 4k-7μm	15.71 mm
Operating temperature range	0 to 40°C
Python 16K	10.1 x 10.1 mm
Resolution (pixel size)	6 μm
Storage temperature range	0 to 50°C
Telecentricity maximum	0.10°
Telecentricity typical	< 0.08°

Working f/n	f/16
Weight	842 Grams

Models

Model
LS-TCL-0148

Product views

