

0.5× telecentric lens, 2/3", C-mount

LS-TCL-0416 series · Telecentric lenses · 1 model

Telecentric lens with constant magnification across the depth of field, for measurement and gauging without perspective error.
Connection: m8; working distance 78 mm; depth of field 2.5 mm.
Rendered illustration: the actual product may differ in appearance.



Common specifications

Magnification	0.5×
Working distance	78 mm
Sensor format	2/3"
Mount	C-Mount
Depth of field	2.5 mm
Connector	M8
Dimensions approximate	185.5 x 64 x 155 mm
Distortion maximum (%)	< 0.2
Distortion typical (%)	< 0.1
Filter thread	No Filter Threads
Fov @ 1/1.8"	14.26 x 10.66 mm
Fov @ 1/2.0"	12.80 x 9.60 mm
Fov @ 1/2.5"	11.40 x 8.56 mm
Fov @ 1/2"	12.80 x 9.60 mm
Fov @ 1/3.0"	9.60 x 7.20 mm
Fov @ 2/3"	17.00 x 14.18 mm
Image circle	11 mm
Installation location	Indoor Use Only
LED current	350 mA
LED voltage	2.8 Volts

Lens type	Telecentric
Light color	White
Operating relative humidity (%)	20-85 Non Condensing
Operating temperature range	0 to 40°C
Power consumption maximum	2.5 Watts
Pulse current maximum	2000 mA
Resolution (pixel size)	15 µm
Storage temperature range	0 to 50°C
Supply voltage	12 - 24 Volts
Telecentricity maximum	0.06°
Telecentricity typical	< 0.04°
Wavelength	6000 K
Working f/n	f/12
Weight	972 Grams

Models

Model
LS-TCL-0416

Product views

