

0.11× telecentric lens, 2/3", C-mount

LS-TCL-0405 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 89.6 mm; depth of field 34.2 mm.
Rendered illustration: the actual product may differ in appearance.



Common specifications

Magnification	0.11×
Working distance	89.6 mm
Sensor format	2/3"
Mount	C-Mount
Depth of field	34.2 mm
Connector	M8
Dimensions approximate	429.1 x 144 x 415.2 mm
Distortion maximum (%)	< 0.1
Distortion typical (%)	< 0.02
Filter thread	No Filter Threads
Fov @ 1/1.8"	64.82 x 48.45 mm
Fov @ 1/2.0"	58.18 x 43.64 mm
Fov @ 1/2.5"	51.82 x 38.91 mm
Fov @ 1/2"	58.18 x 43.64 mm
Fov @ 1/3.0"	43.64 x 32.73 mm
Fov @ 2/3"	77.27 x 64.45 mm
Image circle	11 mm
Installation location	Indoor Use Only
LED current	350 mA
LED voltage	3.3 Volts

LED voltage maximum	4 Volts
Lens type	Telecentric
Light color	Green
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)	46 µm
Spectral fwhm	40 nm
Storage temperature range	0 to 50°C
Supply voltage	12 - 24 Volts
Telecentricity maximum	0.08°
Telecentricity typical	< 0.04°
Wavelength	525 nm
Working f/n	f/8
Weight	5276 Grams

Models

Model
LS-TCL-0405

Product views

