

1× telecentric lens, 2/3", C-mount

LS-TCL-0338 series · Telecentric lenses · 1 model

Telecentric lens with constant magnification across the depth of field, for measurement and gauging without perspective error. Working distance 62.2 mm; depth of field 0.6 mm. Rendered illustration: the actual product may differ in appearance.



Common specifications

Magnification	1×
Working distance	62.2 mm
Sensor format	2/3"
Mount	C-Mount
Depth of field	0.6 mm
Dimensions approximate	285 x 56 x 79 mm
Distortion maximum (%)	< 0.08
Distortion typical (%)	< 0.04
Filter thread	No Filter Threads
Fov @ 1/1.8"	7.13 x 5.33 mm
Fov @ 1/2.0"	6.40 x 4.80 mm
Fov @ 1/2.5"	5.70 x 4.28 mm
Fov @ 1/2"	6.40 x 4.80 mm
Fov @ 1/3.0"	4.80 x 3.60 mm
Fov @ 2/3"	8.50 x 7.09 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)	7 µm
Storage temperature range	0 to 50°C
Supply voltage	12 - 24 Volts
Telecentricity maximum	0.10°
Telecentricity typical	< 0.08°
Wavelength	520 nm
Working f/n	f/11
Weight	950 Grams

Models

Model
LS-TCL-0338

Product views

