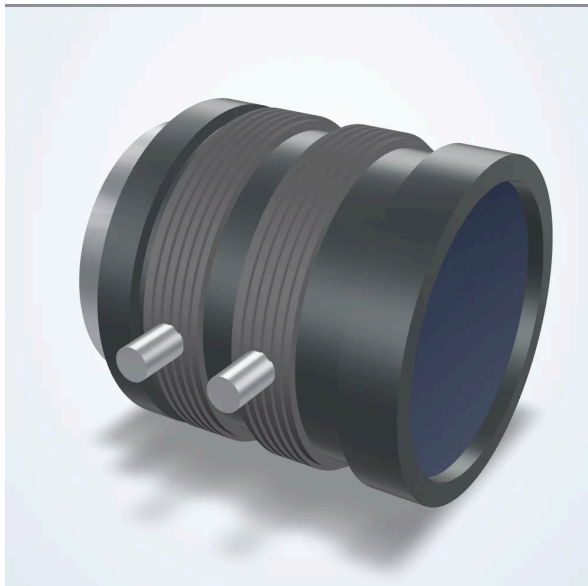


Lens series, 1/1.8", C-mount (S29)

LS-FFL-S29 series · Machine vision lenses · 4 models

Rendered illustration: the actual product may differ in appearance.



Common specifications

Max. sensor format	1/1.8"
Mount	C-mount
Aperture (F)	1.4-16
Flange back	17.526mm in air
Focus control	Manual
Image circle	9 mm
Image size dimensions	7.2 mm x 5.4 mm
Iris control	Manual
Lens type	Fixed Focal Length
Operating temperature range	10 to +50 °C
Resolution (line pairs / mm @ center)	100
Spectrum	Visible
Storage temperature range	-20~+60 C
Temperature range	-10~+50 C
Thumb screw	M2

Models

Model	Focal length	Angle of view	Distortion	Angle of view @ 1/1.8"	Angle of view @ 1/2"	Angle of view @ 1/3"	Back focus
LS-FFL-0140	12 mm	34.6 x 25.9 deg (H x V), 43.5 deg diagonal	-0.8% (TV)	34.6° x 25.9°	30.7° x 23.0°	23.0° x 17.2°	11.1mm in air
LS-FFL-0195	3.5 mm	H 117.7 x V 86.7 deg (D 152.7 deg)	-28.0% (TV)	117.7° x 86.7°	103.6° x 76.7°	76.7° x 57.7°	8.9mm in air
LS-FFL-0213	4.5 mm	H 88.8 x V 66.9 deg (D 110.2 deg)	-17.5% (TV)	88.8° x 66.9°	79.0° x 59.4°	59.4° x 45.1°	10.0mm in air
LS-FFL-0218	6 mm	H 62.7 x V 48.4 deg (D 75.2 deg)	-1.0% (TV)	62.7° x 48.4°	57.3° x 44.0°	44.0° x 33.7°	9.5mm in air

More values per model (Dimensions (dia. x length, mm), Entrance pupil position, Exit pupil, Filter thread, Focus range, Front diameter, Front / rear effective dia., Length at mod, Magnification with 1mm ring, Magnification with 5mm ring, Minimum object distance (m), Minimum object distance with 1mm ring...) are on each product page.

Product views

