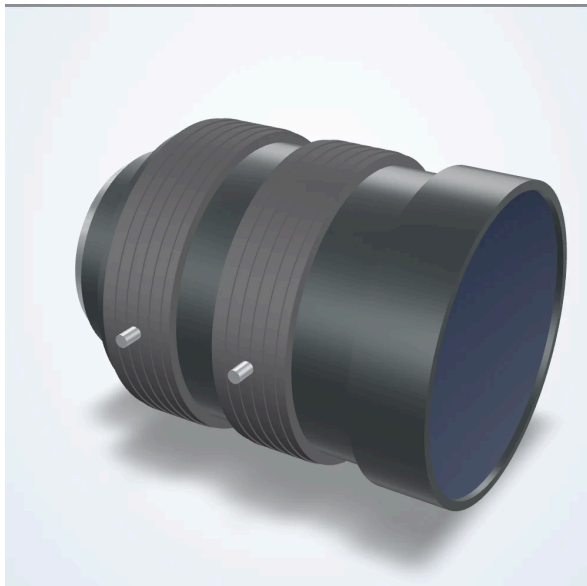


Lens series, Full size (24x36mm)

LS-FFL-S33 series · Machine vision lenses · 5 models

Rendered illustration: the actual product may differ in appearance.



Common specifications

Max. sensor format	Full size (24x36mm)
Aperture (F)	2.8-22
Focus control	Manual
Image circle	23 mm
Image size dimensions	18.4 mm x 13.8 mm
Iris control	Manual
Lens type	Fixed Focal Length
Operating temperature range	10 to +50 °C
Picture size (largest format)	24x36mm
Resolution (line pairs / mm @ center)	160
Resolution center/corner	Center 160lp/mm, corner 63lp/mm
Spectrum	Visible
Storage temperature range	-20~+60 C
Temperature range	-10~+50 C

Models

Model	Focal length	Mount	Angle of view	Distortion	Angle of view @ 1"	Angle of view @ 4/3"	Angle of view @ full size
LS-FFL-0174	28 mm	F-mount	H 64.6 x V 45.8 deg (D 74.1 deg)	-0.17% (TV)	25.3° x 19.1°	35.8° x 27.2°	64.6° x 45.8°
LS-FFL-0175	28 mm	M48x0.75 (TFL-II)	H 64.6 x V 45.8 deg (D 74.1 deg)	-0.17% (TV)	25.3° x 19.1°	35.8° x 27.2°	64.6° x 45.8°
LS-FFL-0188	35 mm	F-mount	H 53.7 x V 37.2 deg (D 62.6 deg)	-0.15% (TV)	20.3° x 15.3°	28.9° x 21.8°	53.7° x 37.2°
LS-FFL-0189	35 mm	M48x0.75 (TFL-II)	H 53.7 x V 37.2 deg (D 62.6 deg)	-0.15% (TV)	20.3° x 15.3°	28.9° x 21.8°	53.7° x 37.2°
LS-FFL-0208	50 mm	F-mount	H 39.7 x V 27.1 deg (D 47.0 deg)	-0.04% (TV)	14.6° x 11.0°	20.9° x 15.7°	39.7° x 27.1°

More values per model (Back focus, Dimensions (dia. x length, mm), Element, Entrance pupil position, Exit pupil, Filter thread, Flange back, Focus range, Front diameter, Front / rear effective dia., Minimum object distance (m), Rear effective diameter...) are on each product page.

Product views

