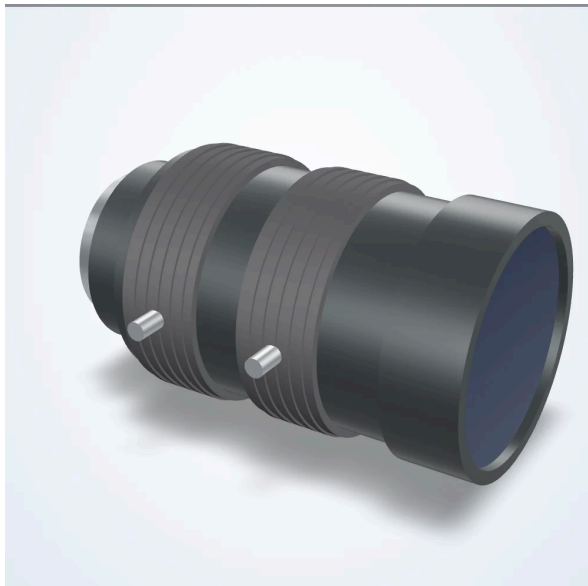


Lens series, 2/3", C-mount (S17)

LS-FFL-S17 series · Machine vision lenses · 8 models

Rendered illustration: the actual product may differ in appearance.



Common specifications

Max. sensor format	2/3"
Mount	C-mount
Flange back	17.526mm in air
Focus control	Manual
Image circle	11 mm
Image size dimensions	8.8 mm x 6.6 mm
Iris control	Manual
Lens type	Fixed Focal Length
Operating temperature range	10 to +50 °C
Resolution (line pairs / mm @ center)	120
Spectrum	Visible
Temperature range	-10~+50 C
Thumb screw	M2

Models

Model	Focal length	Aperture (F)	Angle of view	Distortion	Angle of view @ 1/1.8"	Angle of view @ 1/2"	Angle of view @ 2/3"
LS-FFL-0127	100 mm	2.8-32	5.0 x 3.8 deg (H x V), 6.3 deg diagonal	-0.05% (TV)	4.1° x 3.1°	3.7° x 2.8°	5.0° x 3.8°
LS-FFL-0135	12 mm	1.4-Close	38.3 x 29.1 deg (H x V), 46.8 deg diagonal	-0.07% (TV)	31.7° x 24.0°	28.3° x 21.4°	38.3° x 29.1°
LS-FFL-0149	16 mm	1.4-16	30.0 x 22.7 deg (H x V), 37.0 deg diagonal	-0.05% (TV)	24.7° x 18.6°	21.8° x 16.4°	30.0° x 22.7°
LS-FFL-0165	25 mm	1.4-16	19.6 x 14.8 deg (H x V), 24.3 deg diagonal	-0.04% (TV)	16.1° x 12.1°	14.0° x 10.5°	19.6° x 14.8°
LS-FFL-0183	35 mm	2.0-16	H 14.4 x V 10.8 deg (D 17.9 deg)	-0.2% (TV)	11.8° x 8.8°	10.5° x 7.9°	14.4° x 10.8°
LS-FFL-0205	50 mm	2.8-22	H 9.6 x V 7.2 deg (D 12.1 deg)	-0.03% (TV)	7.9° x 5.9°	7.0° x 5.2°	9.6° x 7.2°
LS-FFL-0221	75 mm	2.5-22	H 6.7 x V 5.0 deg (D 8.3 deg)	-0.1% (TV)	5.5° x 4.1°	4.9° x 3.7°	6.7° x 5.0°
LS-FFL-0229	8 mm	1.4-Close	56.5 x 43.9 deg (D 66.7 deg)	-0.6% (TV)	47.4° x 36.3°	42.6° x 32.5°	56.5° x 43.9°

More values per model (Back focus, Dimensions (dia. x length, mm), Exit pupil, Filter thread, Focus range, Front diameter, Front / rear effective dia., Length at mod, Magnification with 10mm ring, Magnification with 1mm ring, Magnification with 20mm ring, Magnification with 5mm ring...) are on each product page.

Product views

