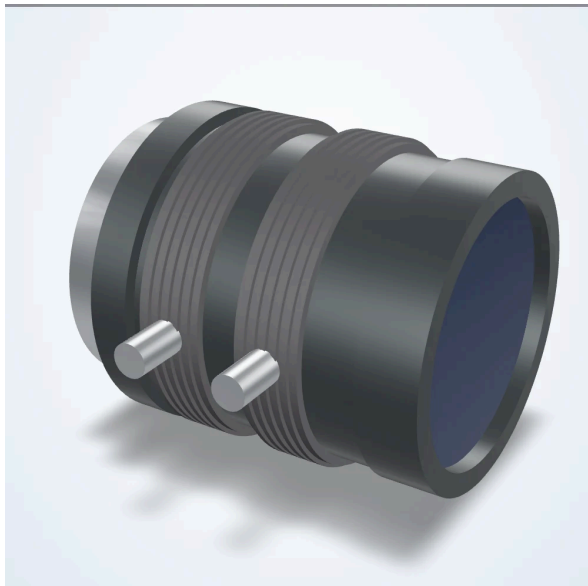


Lens series, 2/3", C-mount (S23)

LS-FFL-S23 series · Machine vision lenses · 7 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)	100
Spectrum	Visible
Storage temperature range	-20~+60 C
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-0133	12 mm	1.4-16	42.5 x 31.7 deg (H x V), 53.7 deg diagonal	-2.5% (TV)	34.6° x 25.9°	30.7° x 23.0°	42.5° x 31.7°
LS-FFL-0147	16 mm	1.4-16	30.5 x 22.8 deg (H x V), 38.3 deg diagonal	-1.5% (TV)	17.2° x 12.9°	15.3° x 11.4°	21.0° x 15.7°
LS-FFL-0163	25 mm	1.6-16	21.0 x 15.7 deg (H x V), 26.3 deg diagonal	-0.6% (TV)	17.2° x 12.9°	15.3° x 11.4°	21.0° x 15.7°
LS-FFL-0181	35 mm	1.6-16	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-0203	50 mm	2.0-22	H 10.1 x V 7.6 deg (D 12.6 deg)	-0.1% (TV)	8.2° x 6.2°	7.3° x 5.5°	10.1° x 7.6°
LS-FFL-0216	6 mm	1.4-16	H 81.9 x V 61.2 deg (D 103.1 deg)	-10.7% (TV)	66.9° x 50.1°	59.4° x 44.5°	81.9° x 61.2°
LS-FFL-0227	8 mm	1.4-16	64.2 x 47.7 deg (D 81.7 deg)	-6.2% (TV)	52.4° x 39.1°	46.2° x 34.6°	64.2° x 47.7°

More values per model (Back focus, 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, Minimum object distance (m), Minimum object distance with 1mm ring...) are on each product page.

Product views

