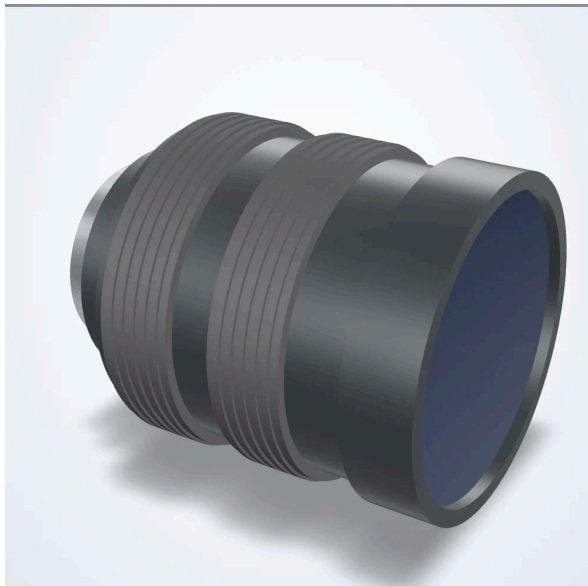


Lens series, 1", C-mount (S21)

LS-FFL-S21 series · Machine vision lenses · 6 models

Rendered illustration: the actual product may differ in appearance.



Common specifications

Max. sensor format	1"
Mount	C-mount
Flange back	17.526mm in air
Focus control	Manual
Image circle	16 mm
Image size dimensions	12.8 mm x 9.6 mm
Iris control	Manual
Lens type	Fixed Focal Length
Operating temperature range	10 to +50 °C
Resolution (line pairs / mm @ center)	120
Spectrum	Visible
Storage temperature range	-20~+60 C
Temperature range	-10~+50 C

Models

Model	Focal length	Aperture (F)	Angle of view	Distortion	Angle of view @ 1/1.8"	Angle of view @ 1"	Angle of view @ 2/3"
LS-FFL-0131	12.5 mm	1.4, 2.8, 4, 8	55.6 x 42.5 deg (H x V), 67.6 deg diagonal	-1.58% (TV)	32.1° x 24.2°	55.6° x 42.5°	39.1° x 29.5°
LS-FFL-0145	16 mm	1.4, 2.8, 4, 8	44.3 x 33.6 deg (H x V), 54.3 deg diagonal	-1.0% (TV)	25.3° x 19.0°	44.3° x 33.6°	30.8° x 23.2°
LS-FFL-0161	25 mm	1.4, 2.8, 4, 8	29.3 x 22.0 deg (H x V), 36.6 deg diagonal	-1.0% (TV)	16.5° x 12.4°	29.3° x 22.0°	20.2° x 15.1°
LS-FFL-0179	35 mm	1.4, 2.8, 4, 8	H 20.9 x V 15.8 deg (D 26.1 deg)	-0.5% (TV) (2/3": -0.3%, 1/1.8": -0.1%)	11.8° x 8.8°	20.9° x 15.8°	14.4° x 10.8°
LS-FFL-0201	50 mm	1.4, 2.8, 4, 8	H 14.5 x V 10.8 deg (D 18.0 deg)	0.05% (TV)	8.2° x 6.2°	14.5° x 10.8°	10.0° x 7.5°
LS-FFL-0225	8 mm	1.4-8	79.7 x 63.0 deg (D 92.4 deg)	-1.2% (TV)	48.5° x 36.9°	79.7° x 63.0°	58.3° x 44.7°

More values per model (Back focus, Dimensions (dia. x length, mm), Exit pupil, Field of view at mod (1"), Filter thread, Focus range, Front diameter, Front / rear effective dia., Length at mod, Minimum object distance (m), Mount thread, Other diameters shown...) are on each product page.

Product views

