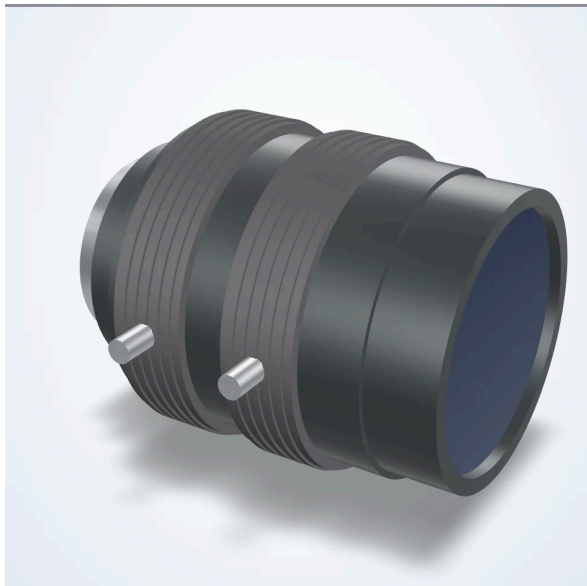


Lens series, 1", C-mount (S19)

LS-FFL-S19 series · Machine vision lenses · 9 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
Thumb screw	M2

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-0129	12.5 mm	1.4-16	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-0143	16 mm	1.4-16	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-0159	25 mm	1.4-16	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-0177	35 mm	1.4-16	H 20.9 x V 15.8 deg (D 26.1 deg)	-0.5% (TV)	11.8° x 8.8°	20.9° x 15.8°	14.4° x 10.8°
LS-FFL-0194	4.7 mm	2.4-11	H 112.2 x V 95.4 deg (D 123.0 deg)	-0.58% (TV)	77.4° x 60.8°	112.2° x 95.4°	90.0° x 72.2°
LS-FFL-0199	50 mm	1.4-16	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-0215	6 mm	1.8-11	H 96.8 x V 79.4 deg (D 108.3 deg)	-0.2% (TV)	62.6° x 48.2°	96.8° x 79.4°	74.1° x 58.0°
LS-FFL-0220	75 mm	1.8-16	H 9.7 x V 7.3 deg (D 12.0 deg)	-0.2% (TV)	5.5° x 4.1°	9.7° x 7.3°	6.7° x 5.0°
LS-FFL-0223	8 mm	1.4-16	79.4 x 63.0 deg (D 92.4 deg)	-1.2% (TV)	48.5° x 36.9°	79.4° x 63.0°	58.3° x 44.7°

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

