

Lens series, 1", C-mount (S22)

LS-FFL-S22 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
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-0132	12 mm	1.8-16	58.0 x 44.5 deg (H x V), 70.1 deg diagonal	-1.6% (TV)	33.8° x 25.5°	58.0° x 44.5°	41.0° x 31.1°
LS-FFL-0146	16 mm	1.8-16	44.2 x 33.6 deg (H x V), 54.2 deg diagonal	-0.81% (TV)	25.4° x 19.1°	44.2° x 33.6°	31.0° x 23.3°
LS-FFL-0162	25 mm	1.8-16	29.2 x 22.0 deg (H x V), 36.4 deg diagonal	-0.97% (TV)	16.5° x 12.3°	29.2° x 22.0°	20.2° x 15.0°
LS-FFL-0180	35 mm	1.8-16	H 20.4 x V 15.4 deg (D 25.6 deg)	-0.41% (TV)	11.5° x 8.6°	20.4° x 15.4°	14.0° x 10.6°
LS-FFL-0202	50 mm	2.5-16	H 14.6 x V 11.0 deg (D 18.2 deg)	-0.11% (TV)	8.2° x 6.2°	14.6° x 11.0°	10.0° x 7.6°
LS-FFL-0226	8 mm	1.8-16	81.3 x 63.5 deg (D 96.2 deg)	-3.7% (TV)	48.6° x 36.9°	81.3° x 63.5°	58.7° x 44.8°

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., Magnification with 1mm ring, Magnification with 5mm ring, Minimum object distance (m), Minimum object distance with 1mm ring...) are on each product page.

Product views

