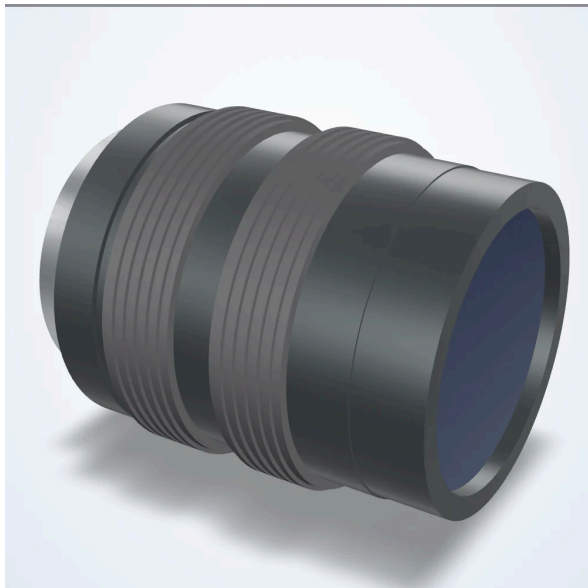


Lens series, 2/3", C-mount (S27)

LS-FFL-S27 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)	120
Spectrum	Visible
Temperature range	-10~+50 C

Models

Model	Focal length	Aperture (F)	Angle of view	Distortion	Angle of view @ 1/1.8"	Angle of view @ 1/2"	Angle of view @ 2/3"
LS-FFL-0138	12 mm	1.4, 4, 8, 16	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-0153	16 mm	1.4, 4, 8, 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-0169	25 mm	1.4, 4, 8, 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-0186	35 mm	2, 4, 8, 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-0206	50 mm	2.8, 4, 8, 16	H 9.6 x V 7.2 deg (D 11.9 deg)	-0.03% (TV)	7.9° x 5.9°	7.0° x 5.2°	9.6° x 7.2°
LS-FFL-0211	5 mm	2.8, 4, 5.6, 8	H 82.4 x V 66.9 deg (D 95.0 deg)	0.5% (TV)	71.7° x 57.1°	65.2° x 51.3°	82.4° x 66.9°
LS-FFL-0231	8 mm	1.4-16	56.5 x 43.9 deg (D 67.0 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), Entrance pupil position, Exit pupil, Filter thread, Focus range, Front diameter, Front / rear effective dia., Length at mod, Minimum object distance (m), Mount thread, Optical magnification vs working distance...) are on each product page.

Product views

