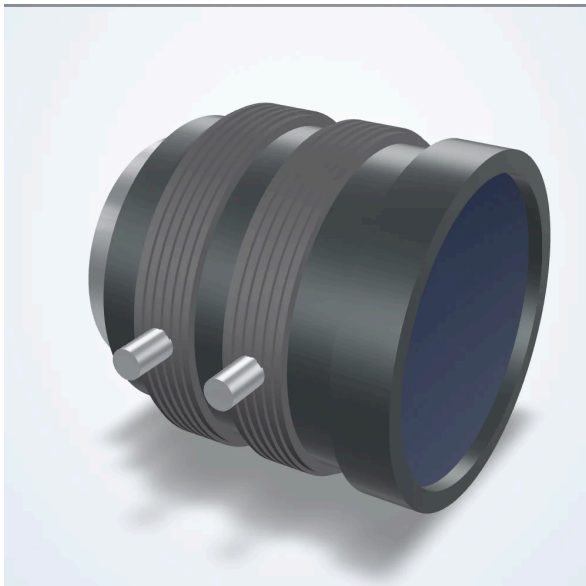


Lens series, 1/1.7", C-mount

LS-FFL-S42 series · Machine vision lenses · 7 models

Rendered illustration: the actual product may differ in appearance.



Common specifications

Max. sensor format	1/1.7"
Mount	C-mount
Operating temperature	-20~+60 C
Focus control	Manual with Lock
Iris control	Manual with Lock
Lens type	Fixed Focal Length
Operation	Focus: manual w/lock / Iris: manual w/lock
Resolution (MP)	6
Spectrum	Visible
Wavelength	Visible light

Models

Model	Focal length	Aperture (F)	Angle of view	Distortion	Angle of view 1/1.8"	Angle of view 1/2"	Angle of view 1/3"
LS-FFL-0276	6 mm	2.4-16	65.0 x 50.5 deg	-1.5% (TV)	64.2 x 44.9 deg	56.5 x 43.4 deg	43.4 x 32.9 deg
LS-FFL-0277	8 mm	2.4-16	52.2 x 39.5 deg	-1.0% (TV)	50.9 x 35.1 deg	44.5 x 33.8 deg	33.8 x 25.6 deg
LS-FFL-0278	12 mm	2.4-16	34.3 x 25.9 deg	-0.42% (TV, design value)	33.7 x 22.9 deg	29.3 x 22.1 deg	22.1 x 16.6 deg
LS-FFL-0279	16 mm	2.4-16	26.1 x 19.7 deg	-0.1% (TV, design value)	25.7 x 17.4 deg	22.3 x 16.8 deg	16.8 x 12.6 deg
LS-FFL-0280	25 mm	2.4-16	17.4 x 13.1 deg	-0.1% (TV, design value)	17.1 x 11.5 deg	14.8 x 11.2 deg	11.2 x 8.4 deg
LS-FFL-0281	35 mm	2.4-16	12.6 x 9.5 deg	-0.06% (TV, design value)	12.4 x 8.4 deg	10.8 x 8.1 deg	8.1 x 6.1 deg
LS-FFL-0282	50 mm	2.8-16	8.9 x 6.7 deg	-0.01% (TV, design value)	8.7 x 5.9 deg	7.5 x 5.7 deg	5.7 x 4.3 deg

More values per model (Dimensions (dia. x length, mm), FOV @ 1/1.7", FOV @ 1/1.8", FOV @ 1/2", FOV @ 1/3", Filter thread, Flange back, Focus angle, Focus range, Iris angle, Minimum object distance (m), Operating temperature range...) are on each product page.

Product views

