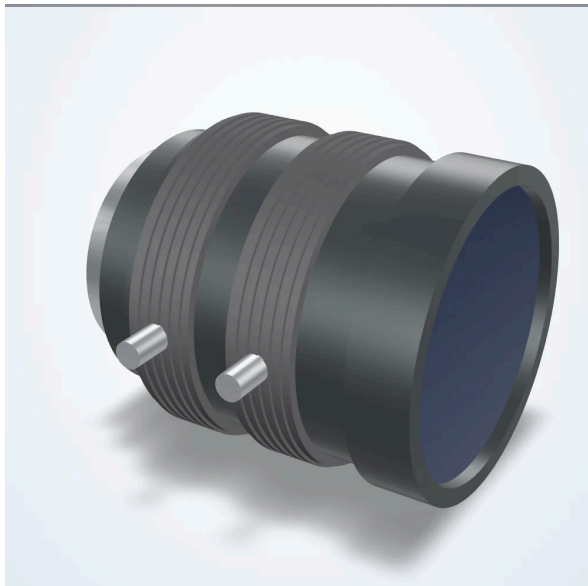


Lens series, 1/1.2", C-mount

LS-FFL-S41 series · Machine vision lenses · 8 models

Rendered illustration: the actual product may differ in appearance.



Common specifications

Max. sensor format	1/1.2"
Mount	C-mount
Operating temperature	-20~+60 C
Focus control	Manual with Lock
Iris control	Manual with Lock
Lens type	Fixed Focal Length
Operating temperature range	20 to +60 °C
Operation	Focus: manual w/lock / Iris: manual w/lock
Resolution (MP)	5
Spectrum	Visible

Models

Model	Focal length	Aperture (F)	Angle of view	Distortion	Angle of view 1/1.2" 16:9	Angle of view 2/3" 16:9	Angle of view 2/3" 4:3
LS-FFL-0268	6 mm	2.8-16	87.7 x 70.1 deg (1/1.2" 4:3)	-1.99% (TV, design value)	93.1 x 59.0 deg	80.8 x 49.3 deg	75.5 x 59.2 deg
LS-FFL-0269	8 mm	2.4-16	70.3 x 54.9 deg (1/1.2" 4:3)	-1.47% (TV)	75.3 x 45.6 deg	64.0 x 37.8 deg	59.5 x 45.8 deg
LS-FFL-0270	12 mm	2.0-16	49.2 x 37.6 deg (1/1.2" 4:3)	-0.97% (TV)	53.2 x 30.6 deg	44.4 x 25.5 deg	40.9 x 31.1 deg
LS-FFL-0271	16 mm	2.0-16	37.4 x 28.4 deg (1/1.2" 4:3)	-0.56% (TV, design value)	40.5 x 22.3 deg	33.7 x 19.2 deg	31.0 x 23.4 deg
LS-FFL-0272	25 mm	1.8-16	24.1 x 18.2 deg (1/1.2" 4:3)	-0.09% (TV, design value)	26.2 x 15.0 deg	21.7 x 12.3 deg	19.9 x 15.0 deg
LS-FFL-0273	35 mm	2.1-16	17.3 x 13.1 deg (1/1.2" 4:3)	0.05% (TV, design value)	18.8 x 10.7 deg	15.5 x 8.8 deg	14.3 x 10.7 deg
LS-FFL-0274	50 mm	2.8-16	12.2 x 9.2 deg (1/1.2" 4:3)	0.08% (TV, design value)	13.2 x 7.5 deg	10.9 x 6.16 deg	10.0 x 7.5 deg
LS-FFL-0275	75 mm	3.5-16	8.1 x 6.1 deg (1/1.2" 4:3)	0.03% (TV, design value)	8.9 x 5.0 deg	7.3 x 4.1 deg	6.7 x 5.0 deg

More values per model (Dimensions (dia. x length, mm), FOV @ 1/1.2" (4:3), FOV @ 2/3" (4:3), Filter frame dia., Filter frame length, Filter thread, Flange back, Focus angle, Focus range, Front barrel dia. (inner), Iris angle, Length at 0.1m...) are on each product page.

Product views

