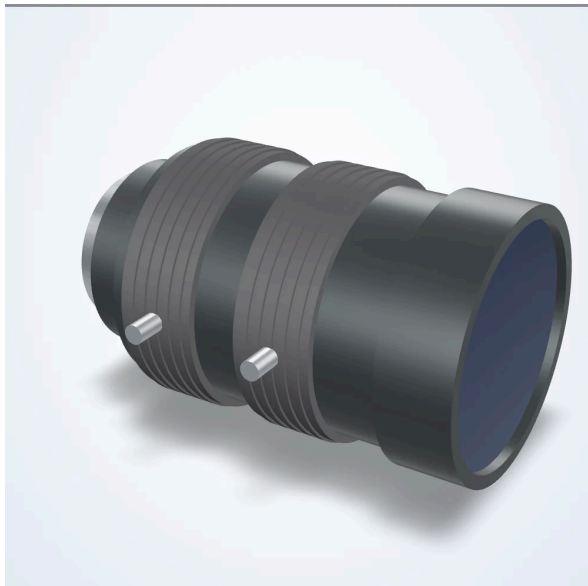


Lens series, 1.1", C-mount (S44)

LS-FFL-S44 series · Machine vision lenses · 3 models

Rendered illustration: the actual product may differ in appearance.



Common specifications

Max. sensor format	1.1"
Mount	C-mount
Aperture (F)	2.8-16
Operating temperature	-20~+60 C
Filter thread	M40.5x0.5
Flange back	17.526mm in air
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
Rear dia.	40.4mm
Resolution (MP)	24
Spectrum	Visible + NIR
Wavelength	Visible light ~ near infrared

Models

Model	Focal length	Angle of view	Distortion	Angle of view 1/2"	Angle of view 2/3"	Dimensions (dia. x length, mm)	FOV @ 1.1"
LS-FFL-0288	16 mm	47.7 x 36.8 deg	0.2% (TV, design value)	22.6 x 17.0 deg	30.8 x 23.3 deg	43 x 67.1	47.7° x 36.8°
LS-FFL-0289	35 mm	22.8 x 17.2 deg	0.3% (TV, design value)	10.5 x 7.9 deg	14.4 x 10.8 deg	43 x 67.2	22.8° x 17.2°
LS-FFL-0290	50 mm	16.0 x 12.0 deg	0.1% (TV, design value)	7.3 x 5.5 deg	10.1 x 7.5 deg	43 x 69.5	16° x 12°

More values per model (FOV @ 1/2", FOV @ 2/3", Focus angle, Focus lock screw position, Focus range, Iris angle, Iris lock screw position, Minimum object distance (m), TV distortion (%), Weight (g)) are on each product page.

Product views

