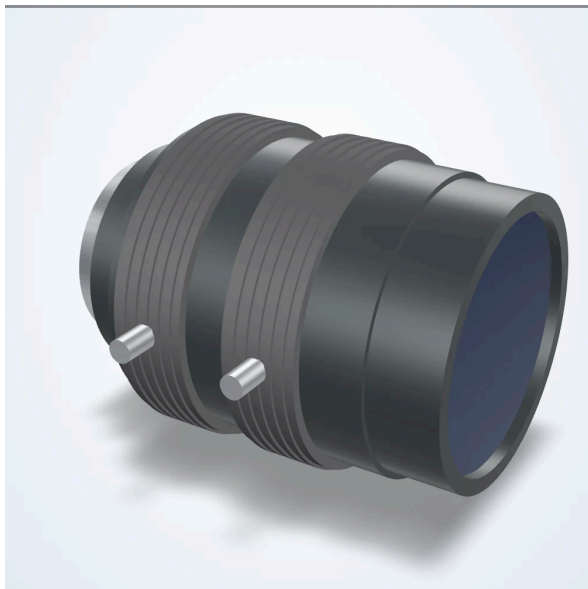


16 mm lens, 1", C-Mount

LS-FFL-0144 series · Machine vision lenses · 1 model

16 mm lens,
1", C-Mount.
Minimum
object
distance
300 mm.
Aperture
f/1.4 to f/16.
Rendered
illustration:
the actual
product
may differ in
appearance.



Common specifications

Front Diameter	21.5 mm
Image Circle Diameter	16 mm
Image Size Dimensions	12.8 mm x 9.6 mm
Lens Type	Fixed Focal Length
Light Spectrum	SWIR
Resolution (Line Pairs / mm @ Center)	120
Resolution (Line Pairs / mm @ Corner)	80
Focal length (mm)	16
Aperture (F)	1.4-16
Max. sensor format	1"
Minimum object distance (m)	0.3
Angle of view	44.3 x 33.6 deg (H x V), 54.3 deg diagonal
Distortion	-1.0% (TV)
Filter thread	M35.5x0.5
Mount	C
Weight (g)	150
Dimensions (dia. x length, mm)	43 x 52.9
Length at MOD	54.15 mm (at 0.3 m)
Entrance pupil position	24.7 mm from front
Picture size	9.6x12.8mm
Shooting range at MOD (1")	V 186.2mm, H 251.5mm, D 318.3mm
Flange back	17.526mm in air