

16 mm lens, 1", C-Mount

LS-FFL-0146 series · Machine vision lenses · 1 model

16 mm lens,
1", C-Mount.
Minimum
object
distance
200 mm.
Aperture
f/1.8 to f/16.
Rendered
illustration:
the actual
product
may differ in
appearance.



Common specifications

Front Diameter	20.6 mm
Image Circle Diameter	16 mm
Image Size Dimensions	12.8 mm x 9.6 mm
Lens Type	Fixed Focal Length
Light Spectrum	SWIR
Magnification	0.0753×
Resolution (Line Pairs / mm @ Center)	160
Resolution (Line Pairs / mm @ Corner)	100
Resolution (MP)	12
Resolution (Pixel Size)	3.1 μm
Focal length (mm)	16
Aperture (F)	1.8-16
Max. sensor format	1"
Minimum object distance (m)	0.2
Angle of view	44.2 x 33.6 deg (H x V), 54.2 deg diagonal
Distortion	-0.81% (TV)
Filter thread	M30.5x0.5
Mount	C
Dimensions (dia. x length, mm)	39 x 78.15
Weight as printed	xxxg (placeholder)
Spectrum	VIS-SWIR
Entrance pupil position	18.5 mm from front