

50mm FL F-Mount Lens for 46mm Sensors



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General

Product Family:
46mm Large Format F-Mount Lenses

Type:
Fixed Focal Length Lens

Physical & Mechanical Properties

Iris Option:
Variable

Length (mm):

77.00	
54.0	Maximum Diameter (mm):
54	Outer Diameter (mm):
460.00	Weight (g):

Optical Properties

169.00	Field of View @ Min Working Distance (mm):
38.6°	Horizontal Field of View, 35mm Sensor:
43.30	Maximum Image Circle (mm):
50.00	Focal Length FL (mm):
260 - ∞	Working Distance (mm):
f/2.8 - f/22	Aperture (f#):
<-0.1	Distortion (%):
-0.04	Maximum Distortion (%):
VS	Lens Wavelength Range:

Sensor

35mm (43.3mm Image Circle)	Maximum Sensor Format:
7.50	Pixel Size (µm):

Threading & Mounting

M52 x 0.75	Filter Thread:
F-Mount	Mount:

Regulatory Compliance

Exempt	RoHS 2015:
View	Certificate of Conformance:
Contains SVHC(s)	Reach 240:

Product Details

- Full Frame, 35mm (Covers 46mm Image Circle), F-Mount Lens
- Optimized for Short Working Distances for Machine Vision Applications
- 28mm to 50mm Focal Length

Optimized for short working distances, 46mm Large Format F-Mount Lenses are designed to be compatible with 35mm (full frame) sensors. Featuring low distortion and a lockable focus and iris, 46mm Large Format F-Mount Lenses are ideal for 4k line scan cameras in a range of machine vision applications.