

## 35mm FL F-Mount Lens for 46mm Sensors



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### Product Downloads

### General

Product Family:  
46mm Large Format F-Mount Lenses

Type:  
Fixed Focal Length Lens

### Physical & Mechanical Properties

Iris Option:  
Variable

Length (mm):

75.00

Maximum Diameter (mm):

54.0

Outer Diameter (mm):

75

Weight (g):

430.00

## Optical Properties

Field of View @ Min Working Distance (mm):

263.00

Horizontal Field of View, 35mm Sensor:

52.4°

Maximum Image Circle (mm):

43.30

Focal Length FL (mm):

35.00

Working Distance (mm):

260 - ∞

Aperture (f/#):

f/2.8 - f/22

Distortion (%):

<-0.2

Maximum Distortion (%):

-0.15

Lens Wavelength Range:

VIS

## Sensor

Maximum Sensor Format:

35mm (43.3mm Image Circle)

Pixel Size (µm):

7.50

## Threading & Mounting

Filter Thread:

M52 x 0.75

Mount:

F-Mount

## Regulatory Compliance

RoHS 2015:

[Exempt](#)

Certificate of Conformance:

[View](#)

REACH 241:

[Contains SVHC\(s\)](#)

## 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.