

## 35mm 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):**

75.00	
54.0	<b>Maximum Diameter (mm):</b>
75	<b>Outer Diameter (mm):</b>
430.00	<b>Weight (g):</b>

## Optical Properties

263.00	<b>Field of View @ Min Working Distance (mm):</b>
52.4°	<b>Horizontal Field of View, 35mm Sensor:</b>
43.30	<b>Maximum Image Circle (mm):</b>
35.00	<b>Focal Length FL (mm):</b>
260 - ∞	<b>Working Distance (mm):</b>
f/2.8 - f/22	<b>Aperture (f#):</b>
<-0.2	<b>Distortion (%):</b>
-0.15	<b>Maximum Distortion (%):</b>
VS	<b>Lens Wavelength Range:</b>

## Sensor

35mm (43.3mm Image Circle)	<b>Maximum Sensor Format:</b>
7.50	<b>Pixel Size (µm):</b>

## Threading & Mounting

M52 x 0.75	<b>Filter Thread:</b>
F-Mount	<b>Mount:</b>

## Regulatory Compliance

<a href="#">Exempt</a>	<b>RoHS 2015:</b>
<a href="#">View</a>	<b>Certificate of Conformance:</b>
<a href="#">Contains SVHC(s)</a>	<b>REACH 241:</b>

## 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.