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## 50mm FL Ultra High Resolution Fixed Focal Length Lenses



#68-684



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### General

Series:  
Ultra High Resolution Fixed Focal Length Lenses

Type:  
Fixed Focal Length Lens

### Physical & Mechanical Properties

Iris Option:

Variable	
77.00	Length (mm):
38.0	Maximum Diameter (mm):
38	Outer Diameter (mm):
170.00	Weight (g):

## Optical Properties

13.9	Field of View @ Min Working Distance (mm):
13.9mm - 7.3°	Horizontal Field of View, 1/2" Sensor:
11.00	Maximum Image Circle (mm):
50.00	Focal Length FL (mm):
100 - ∞	Working Distance (mm):
f/2.8 - f/16	Aperture (f/#):
<-0.02%	Maximum Distortion (%):
VIS	Lens Wavelength Range:

## Sensor

2/3"	Maximum Sensor Format:
2.40	Pixel Size (µm):

## Threading & Mounting

M30.5 x 0.50	Filter Thread:
C-Mount	Mount:

## Regulatory Compliance

<a href="#">Exempt</a>	RoHS 2015:
<a href="#">View</a>	Certificate of Conformance:
<a href="#">Contains SVHC(s)</a>	REACH 241:
Japan	Country of Origin:
Edmund Optics India Private Limited	Imported By:

## Product Details

- 2/3", C-Mount Lens
- Up to 10 MegaPixels, 2.4µm Pixel Size Sensors
- Spectral Range of 400 - 1000nm
- 5mm to 50mm Focal Lengths

Ultra High Resolution Fixed Focal Length Lenses are designed to provide 10 MegaPixel resolution on axis. These lenses have a spectral range of 400 to 1000nm. Through the use of a floating focus and aspheric lens elements, these high-resolution lenses are able to maintain excellent performance from 100mm to infinity. Ultra High Resolution Fixed Focal Length Lenses feature locking focus, iris rings, and a front filter thread to allow the use of standard optical filters for increased versatility. The lenses are available in 7 focal length options and feature very low distortion.