

## 5mm FL Ultra High Resolution Fixed Focal Length Lenses



#68-681

Stock **#68-681** **6 In Stock**

⊖ 1 ⊕ **\$2,861<sup>00</sup>**

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### Volume Pricing

Qty 1+	<b>\$2,861.00</b> each
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### General

**Product Family:**  
Ultra High Resolution Fixed Focal Length Lenses

**Type:**  
Fixed Focal Length Lens

### Physical & Mechanical Properties

**Iris Option:**  
Variable

**Length (mm):**  
57.10

48.0 **Maximum Diameter (mm):**

48 **Outer Diameter (mm):**

120.00 **Weight (g):**

## Optical Properties

142.5 **Field of View @ Min Working Distance (mm):**

142.5mm - 64.9° **Horizontal Field of View, 1/2" Sensor:**

11.00 **Maximum Image Circle (mm):**

5.00 **Focal Length FL (mm):**

100 - ∞ **Working Distance (mm):**

f/1.8 - f/16 **Aperture (f/#):**

<-0.33% **Maximum Distortion (%):**

VIS **Lens Wavelength Range:**

## Sensor

2/3" **Maximum Sensor Format:**

2.40 **Pixel Size (µm):**

## Threading & Mounting

M46 x0.75 **Filter Thread:**

C-Mount **Mount:**

## Regulatory Compliance

[Exempt](#) **RoHS 2015:**

[View](#) **Certificate of Conformance:**

[Contains SVHC\(s\)](#) **REACH 241:**

## 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.