

5mm FL Ultra High Resolution Fixed Focal Length Lenses



#68-681

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⊖ 1 ⊕ C\$3,178⁰⁰

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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 (%):**

VS **Lens Wavelength Range:**

Sensor

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

2.40 **Pixel Size (µm):**

Threading & Mounting

M46 x 0.75 **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.