

[See all 9 Products in Family](#)

## 4.7mm Focal Length Lens, 1" Sensor Format



4.7mm Focal Length Lens, 1" Sensor Format

Stock #75-217 **NEW** 1 In Stock

1  MRP ₹1,69,237

**Price inclusive of all taxes**

**ADD TO CART**

### Volume Pricing

Qty 1+	₹1,69,237 each
Need More?	<a href="#">Request Quote</a>

### Product Downloads

### General

**Product Family:**  
1" Format Fixed Focal Length Lenses

**Type:**  
Fixed Focal Length Lens

### Physical & Mechanical Properties

**Iris Option:**  
Variable

**Length (mm):**  
64.70

71.0 **Maximum Diameter (mm):**

360 **Weight (g):**

## Optical Properties

112.2° **Horizontal Field of View, 1" Sensor:**

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

-0.58 **TV Distortion (%):**

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

100 - ∞ **Working Distance (mm):**

f/2.4 - f/11 **Aperture (f/#):**

-0.58 **Maximum Distortion (%):**

VS **Lens Wavelength Range:**

VS **Wavelength:**

## Sensor

1" **Maximum Sensor Format:**

5.00 **Pixel Size (µm):**

## Threading & Mounting

None **Filter Thread:**

C-Mount **Mount:**

## Regulatory Compliance

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

Japan **Country of Origin:**

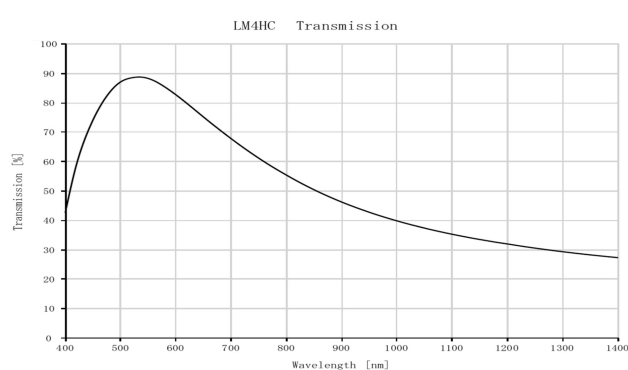
**Imported By:**  
Edmund Optics India Private Limited  
267, Greystone Building, Second Floor,  
6th Cross Rd, Binnamangala,  
Stage 1, Indiranagar, Bengaluru,  
Karnataka, India 560038  
Phone: +91- 80-6845 0000

## Product Details

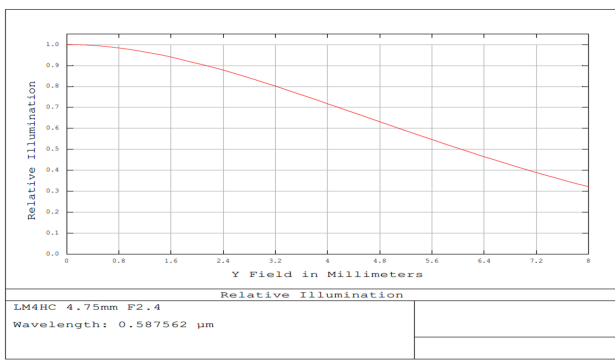
- Up to 1", C-Mount Lens
- "Fast" Lenses for Increased Throughput
- 4.7mm to 75mm Focal Length

1" Format Fixed Focal Length Lenses provide high throughput and high resolution across the entire camera sensor, allowing for excellent imaging even in less-than-ideal lighting conditions. Offered in 9 focal lengths from 4.7mm to 75mm, this complete family covers many of the applications in the market today. Engineered to minimize distortion, these lenses provide a perfect image for a human operator or an automated system. 1" Format Fixed Focal Length Lenses also feature a standard C-Mount lens mount for easy integration with the most common machine vision [cameras](#) we offer. All lenses feature front filter threading to attach to your choice of [optical filter](#).

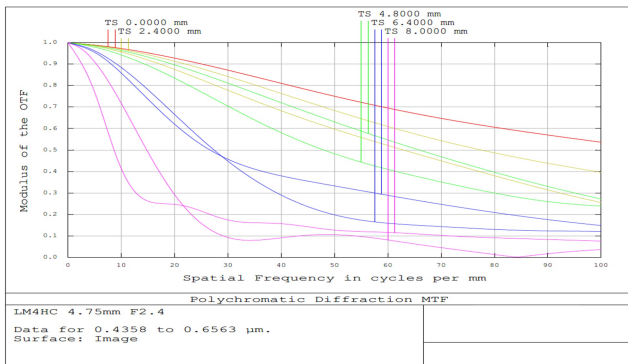
## Technical Information



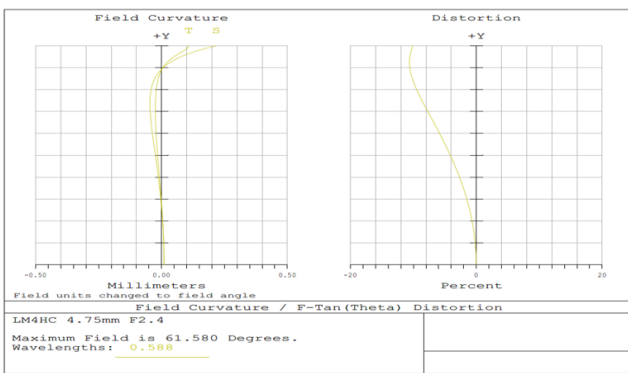
#75-217, 4.7mm Focal Length Lens, 1" Sensor Format, Transmission Plot



#75-217, 4.7mm Focal Length Lens, 1" Sensor Format, Relative Illumination Plot



#75-217, 4.7mm Focal Length Lens, 1" Sensor Format, MTF Plot



#75-217, 4.7mm Focal Length Lens, 1" Sensor Format, Distortion Plot