

4.7mm Focal Length Lens, 1" Sensor Format



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Stock **#75-217** NEW [CONTACT US](#)

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1

+

\$2,231⁰⁰

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Volume Pricing	
Qty 1+	\$2,231.00 each
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Product Downloads

General	
Fixed Focal Length Lens	Type:
Physical & Mechanical Properties	
Variable	Iris Option:
64.70	Length (mm):
71.0	Maximum Diameter (mm):

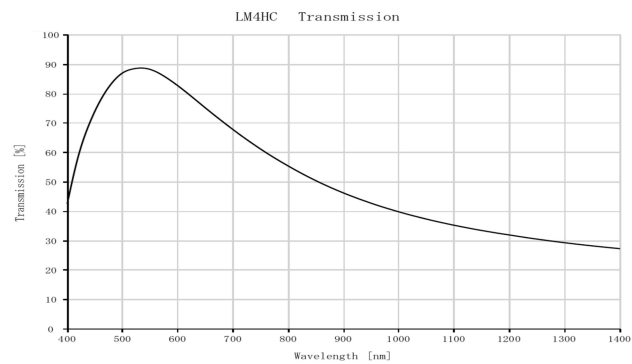
360	Weight (g):
Optical Properties	
112.2°	Horizontal Field of View, 1" Sensor:
16.00	Maximum Image Circle (mm):
-0.58	TV Distortion (%):
4.70	Focal Length FL (mm):
100 - ∞	Working Distance (mm):
f/2.4 - f/11	Aperture (f/#):
-0.58	Maximum Distortion (%):
VIS	Lens Wavelength Range:
VS	Wavelength:
Sensor	
1"	Maximum Sensor Format:
Threading & Mounting	
None	Filter Thread:
C-Mount	Mount:
Regulatory Compliance	
View	Certificate of Conformance:

Product Details

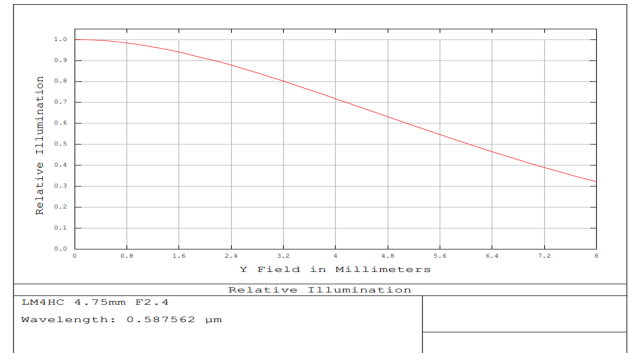
- Up to 1", C-Mount Lens
- "Fast" Lenses for Increased Throughput
- 4.7mm to 75mm Focal Length

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](#).

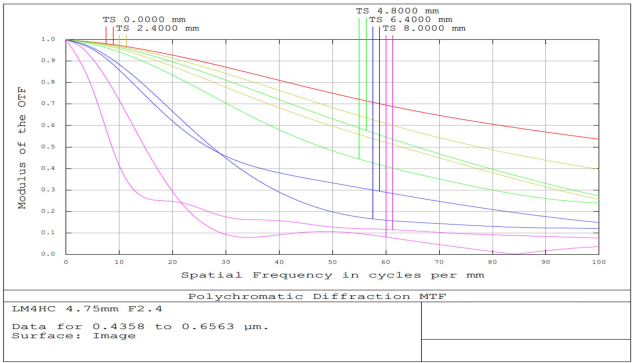
Technical Information



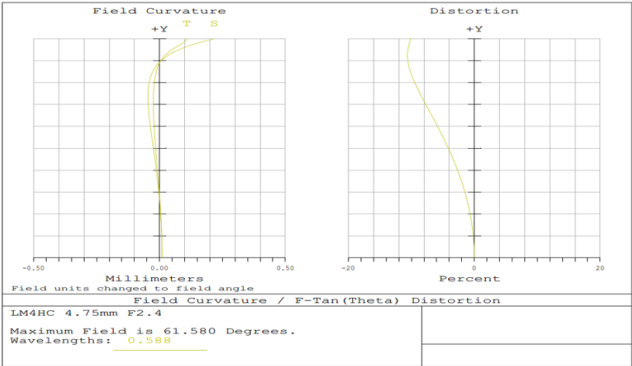
#75-217, 4.7mm Focal Length Lens, 1" Sensor Format, Transmission Plot



#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