

4.7mm Focal Length Lens, 1" Sensor Format



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Stock **#75-217** NEW CONTACT US

-

1

+

A\$2,549⁰⁰

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Volume Pricing	
Qty 1+	A\$2,549.00 each
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General	
1" Format Fixed Focal Length Lenses	Series:
Fixed Focal Length Lens	Type:
Physical & Mechanical Properties	
Variable	Iris Option:
64.70	Length (mm):

Maximum Diameter (mm):	
71.0	
Weight (g):	
360	
Optical Properties	
Horizontal Field of View, 1" Sensor:	
112.2°	
Maximum Image Circle (mm):	
16.00	
TV Distortion (%):	
-0.58	
Focal Length FL (mm):	
4.70	
Working Distance (mm):	
100 - ∞	
Aperture (f/#):	
f/2.4 - f/11	
Maximum Distortion (%):	
-0.58	
Lens Wavelength Range:	
VIS	
Wavelength:	
VIS	

Sensor	
Maximum Sensor Format:	
1"	

Threading & Mounting	
Filter Thread:	
None	
Mount:	
C-Mount	

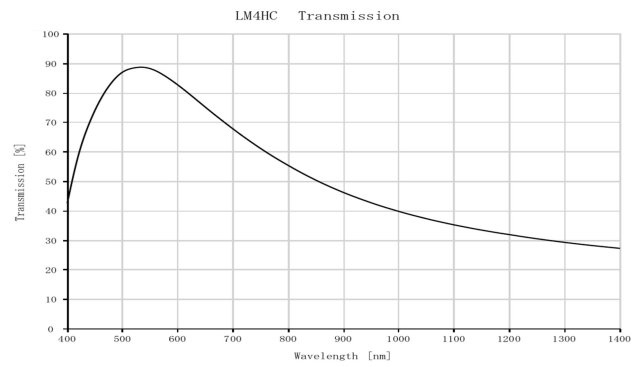
Regulatory Compliance	
Certificate of Conformance:	
View	

Product Details

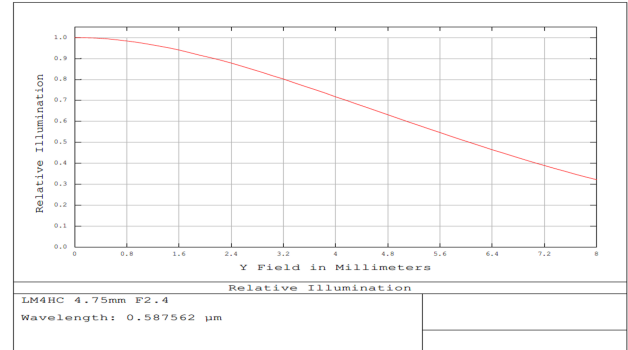
- Up to 1", C-Mount Lens
- "Fast" Lenses for Increased Throughput
- 4.7mm to 75mm Focal Length

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](#).

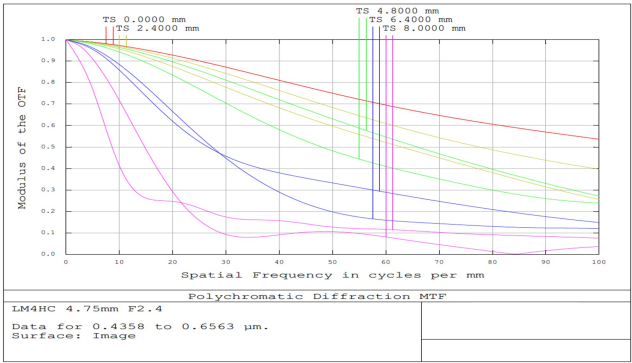
Technical Information



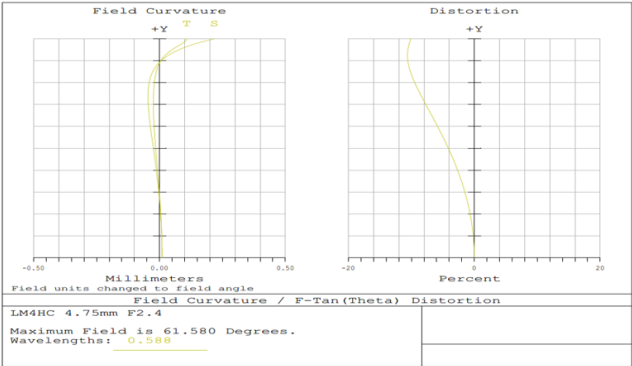
#75-217, 4.7mm Focal Length Lens, 1" Sensor Format, Transmission Plot



#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