

8mm Focal Length Lens, 1" Sensor Format



8mm Focal Length Lens, 1" Sensor Format, #63-243

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£710⁰⁰

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General	
1" Format Fixed Focal Length Lenses	Series:
Fixed Focal Length Lens	Type:
Physical & Mechanical Properties	
Variable	Iris Option:

58.00	Length (mm):
57.0	Maximum Diameter (mm):
57	Outer Diameter (mm):

200	Weight (g):
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Optical Properties

79.7°	Horizontal Field of View, 1" Sensor:
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16.00	Maximum Image Circle (mm):
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<-1.3	TV Distortion (%):
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8.00	Focal Length FL (mm):
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100 - ∞	Working Distance (mm):
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f/1.4 - f/16	Aperture (f/#):
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< -1.3%	Maximum Distortion (%):
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VS	Lens Wavelength Range:
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Sensor

1"	Maximum Sensor Format:
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5.00	Pixel Size (µm):
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Threading & Mounting

M55 x0.75	Filter Thread:
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C-Mount	Mount:
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Regulatory Compliance

Exempt	RoHS 2015:
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View	Certificate of Conformance:
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Contains SVHC(s)	REACH 241:
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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](#).