

1.8 - 3.0mm FL CS-Mount, Manual Iris, Wide Angle Lens



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Stock #85-162 **2 In Stock**

⊖ 1 ⊕ £414.⁰⁰

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Product Downloads

General

Product Family:
Low Distortion Wide Angle Lenses

Type:
Varifocal Lens

Physical & Mechanical Properties

Iris Option:
Variable

Length (mm):

50.00	
39.0	Maximum Diameter (mm):
39	Outer Diameter (mm):
70.00	Weight (g):

Optical Properties

105 - 77°	Horizontal Field of View, 1/3" Sensor:
7.40	Maximum Image Circle (mm):
1.80	Focal Length FL (mm):
500 - ∞	Working Distance (mm):
f/1.8 - Closed	Aperture (f#):
<1	Distortion (%):
<1	Maximum Distortion (%):
VS	Lens Wavelength Range:

Sensor

1/2.5"	Maximum Sensor Format:
4.50	Pixel Size (µm):

Threading & Mounting

N/A	Filter Thread:
CS-Mount	Mount:

Regulatory Compliance

Exempt	RoHS 2015:
Contains SVHC(s)	Reach 223:
View	Certificate of Conformance:

Product Details

- Up to 1/2.5", C-Mount and CS-Mount options
- Up to 3 MegaPixel and Down to 1% Distortion
- No Refocusing from 100mm to Infinity
- 1.28mm to 40mm Focal Length

Low Distortion Wide Angle Lenses maintain high resolution for applications with long working distance requirements and can accommodate multi-megapixel camera sensors. The optical design of these low-distortion wide-angle lenses enables users to achieve less than 3% distortion over a 125° field of view, or less than 1% distortion over a 110° field of view. These lenses feature a locking screw for the manual iris enabling the use in high vibration environments. Low Distortion Wide Angle Lenses are ideal for security and surveillance, machine vision, or [factory automation](#) applications. These lenses do not require refocusing from 100mm to Infinity.

Note: Image will be flipped (180° rotation). Auto Iris Options require cameras with P-Iris or DC Iris control.