

1.8 - 3.0mm FL, C-Mount, Auto Iris, Wide Angle Lens



Image represents #22-793: Design will vary by stock number.

Stock **#22-795** **5 In Stock**

-

1

+

£616⁰⁰

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General

Low Distortion Wide Angle Lenses	Series:
Varifocal Lens	Type:

Physical & Mechanical Properties

DC Auto Iris	Iris Option:
	Length (mm):

45.30	
50	Maximum Diameter (mm):
50	Outer Diameter (mm):
63	Weight (g):

Optical Properties	
120° - 92°	Horizontal Field of View @ Max Sensor Format:
105 - 77°	Horizontal Field of View, 1/3" Sensor:
7.70	Maximum Image Circle (mm):
1.80	Focal Length FL (mm):
300 - ∞	Working Distance (mm):
F/1.8 - Closed	Aperture (f/#):
<1	Distortion (%):
<1	Maximum Distortion (%):
VIS	Lens Wavelength Range:

Sensor	
1/2.3"	Maximum Sensor Format:
4.50	Pixel Size (µm):

Threading & Mounting	
N/A	Filter Thread:
C-Mount	Mount:

Regulatory Compliance	
View	Certificate of Conformance:

Product Details

- Up to 1/2.5", C-Mbunt 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.