

3.5mm FL Wide Angle Low Distortion Lens



#68-669

Stock #68-669 **12 In Stock**

⊖ 1 ⊕ £724⁰⁰

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Volume Pricing

Qty 1+	£724.00 each
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Product Downloads

General

Product Family:
Low Distortion Wide Angle Lenses

Type:
Fixed Focal Length Lens

Physical & Mechanical Properties

Iris Option:
Fixed

Length (mm):

38.20

Maximum Diameter (mm):

42.0

Outer Diameter (mm):

42

Weight (g):

75.00

Optical Properties

Field of View @ Min Working Distance (mm):

180.00

Horizontal Field of View, 1/2" Sensor:

82.4°

Horizontal Field of View, 1/3" Sensor:

66.9°

Maximum Image Circle (mm):

8.00

Focal Length FL (mm):

3.50

Working Distance (mm):

100 - ∞

Aperture (f/#):

f/2.4

Distortion (%):

<0.4

Maximum Distortion (%):

<0.4

Lens Wavelength Range:

VIS

Sensor

Maximum Sensor Format:

1/2"

Pixel Size (µm):

4.50

Threading & Mounting

Filter Thread:

M40.5 x 0.50

Mount:

C-Mount

Regulatory Compliance

Certificate of Conformance:

[View](#)

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.