

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



1.8 - 3.0mm FL CS-Mount, Manual Iris, Wide Angle Lens, #85-162

Stock **#85-162** 3 In Stock

-

1

+

A\$828<sup>00</sup>

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| Volume Pricing |                               |
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| Qty 1+         | A\$828.00 each                |
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Product Downloads

General

Low Distortion Wide Angle Lenses

Series:

Varifocal Lens

Type:

Physical & Mechanical Properties

Variable

Iris Option:

50.00

Length (mm):

|       |                        |
|-------|------------------------|
| 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 (%):                |
| VIS            | 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

|                                  |                             |
|----------------------------------|-----------------------------|
| <a href="#">Exempt</a>           | RoHS 2015:                  |
| <a href="#">Contains SVHC(s)</a> | Reach 223:                  |
| <a href="#">View</a>             | 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.