

**TECHSPEC® 50mm, f/16 Sealed Cw Series Fixed Focal Length Lens**



50mm Focal Length



Stock **#15-668** 3-4 DAYS



1



€410,00

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**Iris Option:**  
Fixed

**Length (mm):**  
51.80

**Horizontal Field of View, 1/2" Sensor:**  
7.31°

**Horizontal Field of View, 2/3" Sensor:**

|                                                                                                                              |
|------------------------------------------------------------------------------------------------------------------------------|
| 10.0°                                                                                                                        |
| <b>Filter Thread:</b><br>M36 x0.50 (Female)                                                                                  |
| <b>Maximum Diameter (mm):</b><br>41.00                                                                                       |
| <b>Horizontal Field of View, 1/3" Sensor:</b><br>5.49°                                                                       |
| <b>Maximum Rear Protrusion (mm):</b><br>2.1                                                                                  |
| <b>Maximum Image Circle (mm):</b><br>11.00                                                                                   |
| <b>Numerical Aperture NA, Object Side:</b><br>0.005                                                                          |
| <b>Number of Elements (Groups):</b><br>6 (5)                                                                                 |
| <b>Note:</b><br>C-Mount compatible with O-ring 25mm ID x2mm                                                                  |
| <b>Horizontal Field of View, 1/1.8" Sensor:</b><br>8.22°                                                                     |
| <b>Horizontal Field of View, 1/2.5" Sensor:</b><br>6.58°                                                                     |
| <b>Type:</b><br>Fixed Focal Length Lens                                                                                      |
| <b>Focal Length FL (mm):</b><br>50.00                                                                                        |
| <b>Primary Magnification PMAG:</b><br>-0.202                                                                                 |
| <b>Maximum Sensor Format:</b><br>2/3"                                                                                        |
| <b>Working Distance (mm):</b><br>100 - ∞                                                                                     |
| <b>Mount:</b><br>C-Mount                                                                                                     |
| <b>Aperture (f/#):</b><br>f/16                                                                                               |
| <b>Coating Specification:</b><br>425 - 675nm BBAR                                                                            |
| <b>Entrance Pupil Position (mm):</b><br>41.82                                                                                |
| <b>Object Space Principal Plane (mm):</b><br>-11.85                                                                          |
| <b>Image Space Principal Plane (mm):</b><br>-38.15                                                                           |
| <b>Field of View at Max Sensor Format:</b><br>Horizontal: 10.0°<br>Vertical: 7.54°<br>Diagonal: 12.5°                        |
| <b>Maximum Distortion (%):</b><br>0.257                                                                                      |
| <b>Exit Pupil Position (mm):</b><br>-40.88                                                                                   |
| <b>Environmental Rating:</b><br>IPX7 and IPX9K                                                                               |
| <b>Lens Wavelength Range:</b><br>VIS                                                                                         |
| <b>Storage Temperature (°C):</b><br>-20 to +60 For questions regarding operating temperature please contact our support team |

## Regulatory Compliance

|                                                            |
|------------------------------------------------------------|
| <b>RoHS:</b><br><a href="#">Compliant</a>                  |
| <b>Certificate of Conformance:</b><br><a href="#">View</a> |