

**TECHSPEC® 16mm, f/1.8 Ci Series Fixed Focal Length Lens**



16mm Focal Length

Stock **#85-349** 3-4 DAYS

⊖ 1 ⊕

€215,00

ADD TO CART

Qty 1+

€215,00

Volume Pricing

[Request Quote](#)

ⓘ Prices shown are exclusive of VAT/local taxes

Get Product Downloads

**Iris Option:**  
Fixed

**Length (mm):**  
40.80

**Horizontal Field of View, 1/2" Sensor:**  
44.5mm - 22.7°

**Horizontal Field of View, 2/3" Sensor:**  
61.4mm - 30.9°

**Filter Thread:**

|                                                                                                                                |
|--------------------------------------------------------------------------------------------------------------------------------|
| M25.5 x0.50 with required adapter <a href="#">#89-941</a>                                                                      |
| <b>Maximum Diameter (mm):</b><br>26.5                                                                                          |
| <b>Weight (g):</b><br>37                                                                                                       |
| <b>Horizontal Field of View, 1/3" Sensor:</b><br>33.3mm - 17.1°                                                                |
| <b>Maximum Rear Protrusion (mm):</b><br>1.09                                                                                   |
| <b>Maximum Image Circle (mm):</b><br>11.00                                                                                     |
| <b>Numerical Aperture NA, Object Side:</b><br>0.0366                                                                           |
| <b>Horizontal Field of View @ Max Sensor Format:</b><br>61.4mm - 30.9°                                                         |
| <b>Number of Elements (Groups):</b><br>7 (6)                                                                                   |
| <b>Horizontal Field of View, 1/1.8" Sensor:</b><br>50.1mm - 25.2°                                                              |
| <b>Front Thread:</b><br>M22.0 x0.75 (Male)                                                                                     |
| <b>Horizontal Field of View, 1/2.5" Sensor:</b><br>39.6mm - 20.2°                                                              |
| <b>Type:</b><br>Fixed Focal Length Lens                                                                                        |
| <b>Diameter (mm):</b><br>26.50                                                                                                 |
| <b>Focal Length FL (mm):</b><br>16.00                                                                                          |
| <b>Primary Magnification PMAG:</b><br>0.149                                                                                    |
| <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/1.8                                                                                                |
| <b>Coating:</b><br>425 - 675nm BBAR                                                                                            |
| <b>Coating Specification:</b><br>425 - 675nm BBAR                                                                              |
| <b>Entrance Pupil Position (mm):</b><br>19.19                                                                                  |
| <b>Horizontal Field of View, 1/4" Sensor:</b><br>25mm - 12.8°                                                                  |
| <b>Object Space Principal Plane (mm):</b><br>21.30                                                                             |
| <b>Image Space Principal Plane (mm):</b><br>-3.00                                                                              |
| <b>Field of View at Max Sensor Format:</b><br>Horizontal: 59.7mm - 30.9°<br>Vertical: 44.6mm - 23.4°<br>Diagonal: 75mm - 38.3° |
| <b>Maximum Distortion (%):</b><br>-0.77                                                                                        |
| <b>Exit Pupil Position (mm):</b><br>-5.43                                                                                      |
| <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 2015:</b><br><a href="#">Compliant</a>             |
| <b>REACH 201:</b><br><a href="#">Compliant</a>             |
| <b>Certificate of Conformance:</b><br><a href="#">View</a> |

