

TECHSPEC®

100mm CA Series Fixed Focal Length Lens



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Stock #11-322 10 TO 12 DAYS

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₹50,112.00

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Iris Option:

Variable

Length (mm):

132.97

Horizontal Field of View, 1/2" Sensor:

28.8mm - 3.7°

Horizontal Field of View, 2/3" Sensor:

40.1mm - 5.0°

Filter Thread:

M46 x0.75 (Female)

|                                                                                                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------|
| <b>Maximum Diameter (mm):</b><br>61                                                                                               |
| <b>Outer Diameter (mm):</b><br>61                                                                                                 |
| <b>Weight (g):</b><br>597                                                                                                         |
| <b>Horizontal Field of View, 1/3" Sensor:</b><br>21.9mm - 2.7°                                                                    |
| <b>Maximum Rear Protrusion (mm):</b><br>0                                                                                         |
| <b>Horizontal Field of View, 1" Sensor:</b><br>57.6mm - 7.3°                                                                      |
| <b>Maximum Image Circle (mm):</b><br>27.90                                                                                        |
| <b>Numerical Aperture NA, Object Side:</b><br>0.0318                                                                              |
| <b>Horizontal Field of View, 4/3" Sensor:</b><br>78.8mm - 9.8°                                                                    |
| <b>Horizontal Field of View, 1.1" Sensor:</b><br>64.7mm - 8.1°                                                                    |
| <b>Number of Elements (Groups):</b><br>8 (5)                                                                                      |
| <b>Horizontal Field of View, 1/1.8" Sensor:</b><br>32.8mm - 4.1°                                                                  |
| <b>Horizontal Field of View, 1/2.5" Sensor:</b><br>26.4mm - 3.3°                                                                  |
| <b>Type:</b><br>Fixed Focal Length Lens                                                                                           |
| <b>Focal Length FL (mm):</b><br>100.00                                                                                            |
| <b>Primary Magnification PMAG:</b><br>0.22                                                                                        |
| <b>Maximum Sensor Format:</b><br>APS-C                                                                                            |
| <b>Working Distance (mm):</b><br>500 - ∞                                                                                          |
| <b>Mount:</b><br>TFL-Mount                                                                                                        |
| <b>Aperture (f/#):</b><br>f/2.8 - f/22                                                                                            |
| <b>Coating:</b><br>λ/4 MgF <sub>2</sub>                                                                                           |
| <b>Coating Specification:</b><br>λ/4 MgF <sub>2</sub>                                                                             |
| <b>Entrance Pupil Position (mm):</b><br>56.63                                                                                     |
| <b>Horizontal Field of View, 1/4" Sensor:</b><br>16.4mm - 2.1°                                                                    |
| <b>Object Space Principal Plane (mm):</b><br>48.89                                                                                |
| <b>Image Space Principal Plane (mm):</b><br>-51.79                                                                                |
| <b>Field of View at Max Sensor Format:</b><br>Horizontal: 101.7mm - 12.7°<br>Vertical: 76.3mm - 9.6°<br>Diagonal: 127.2mm - 15.9° |
| <b>Maximum Distortion (%):</b><br>0.05                                                                                            |
| <b>Horizontal Field of View, APS-C Sensor:</b><br>102.1mm - 12.7°                                                                 |
| <b>Exit Pupil Position (mm):</b><br>-44.61                                                                                        |
| <b>Lens Wavelength Range:</b><br>VIS                                                                                              |
| <b>Imaging Lens Type:</b><br>High Performance Lens                                                                                |
| <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> |
|------------------------------------------------|

Certificate of Conformance:  
[View](#)

Reach 235:  
[Compliant](#)

