

**TECHSPEC®** 3mm FL f/2.5, Rugged Blue Series M12 Lens



3mm FL Rugged Blue Series M12 Lens



Stock **#36-348** 3-4 DAYS



1



**£85.00**

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Qty 1+

£85.00

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**Length (mm):**  
17.10

**Maximum Diameter (mm):**  
14

**Outer Diameter (mm):**  
14

**Weight (g):**

|                                                                                                                                      |
|--------------------------------------------------------------------------------------------------------------------------------------|
| 5                                                                                                                                    |
| <b>Horizontal Field of View, 1/3" Sensor:</b><br>211.1mm - 91.3°                                                                     |
| <b>Maximum Image Circle (mm):</b><br>6.00                                                                                            |
| <b>Numerical Aperture NA, Object Side:</b><br>0.0057                                                                                 |
| <b>Horizontal Field of View @ Max Sensor Format:</b><br>211.1mm - 91.3°                                                              |
| <b>Number of Elements (Groups):</b><br>6(5)                                                                                          |
| <b>Wavelength Range (nm):</b><br>400 - 700                                                                                           |
| <b>Type:</b><br>M12 Imaging Lens                                                                                                     |
| <b>Focal Length FL (mm):</b><br>3.00                                                                                                 |
| <b>Primary Magnification PMAG:</b><br>0.029X                                                                                         |
| <b>Maximum Sensor Format:</b><br>1/3"                                                                                                |
| <b>Working Distance (mm):</b><br>100 - ∞                                                                                             |
| <b>Mount:</b><br>M12 x 0.5 (S-Mbunt)                                                                                                 |
| <b>Aperture (f/#):</b><br>f/2.5                                                                                                      |
| <b>Distortion (%):</b><br>-34.82 @ Full Field                                                                                        |
| <b>Back Focal Length BFL (mm):</b><br>4.8 - 4.7                                                                                      |
| <b>Coating Specification:</b><br>N4 MgF <sub>2</sub> @ 550nm                                                                         |
| <b>Entrance Pupil Position (mm):</b><br>4.90                                                                                         |
| <b>Horizontal Field of View, 1/4" Sensor:</b><br>141.3mm - 68.6°                                                                     |
| <b>Object Space Principal Plane (mm):</b><br>6.84                                                                                    |
| <b>Image Space Principal Plane (mm):</b><br>2.22                                                                                     |
| <b>Field of View at Max Sensor Format:</b><br>Horizontal: 211.6mm - 91.3°<br>Vertical: 141.6mm - 68.6°<br>Diagonal: 315.6mm - 113.8° |
| <b>IR Cut Filter:</b><br>No                                                                                                          |
| <b>Exit Pupil Position (mm):</b><br>-3.23                                                                                            |
| <b>Lens Wavelength Range:</b><br>VIS                                                                                                 |
| <b>Imaging Lens Type:</b><br>High Performance Lens, Ruggedized to Withstand 50g of Shock                                             |

## Regulatory Compliance

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