

TECHSPEC<sup>®</sup> 8.0mm FL f/5.6 Rugged Blue Series M12 Lens



8mm FL Rugged Blue Series M12 Lens



Stock **#36-366** [CONTACT US](#)



1



₹9,170.00

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Length (mm):  
12.30

Maximum Diameter (mm):  
14

Outer Diameter (mm):

|                                                                                                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------|
| 14                                                                                                                                |
| <b>Weight (g):</b><br>3                                                                                                           |
| <b>Horizontal Field of View, 1/3" Sensor:</b><br>94.0mm - 34.2°                                                                   |
| <b>Maximum Image Circle (mm):</b><br>6.00                                                                                         |
| <b>Numerical Aperture NA, Object Side:</b><br>0.0046                                                                              |
| <b>Horizontal Field of View @ Max Sensor Format:</b><br>94.0mm - 34.2°                                                            |
| <b>Number of Elements (Groups):</b><br>5(5)                                                                                       |
| <b>Wavelength Range (nm):</b><br>400 - 700                                                                                        |
| <b>Type:</b><br>M12 Imaging Lens                                                                                                  |
| <b>Focal Length FL (mm):</b><br>8.00                                                                                              |
| <b>Primary Magnification PMAG:</b><br>0.053X                                                                                      |
| <b>Maximum Sensor Format:</b><br>1/3"                                                                                             |
| <b>Working Distance (mm):</b><br>150 - ∞                                                                                          |
| <b>Mount:</b><br>M12 x 0.5 (S-Mbunt)                                                                                              |
| <b>Aperture (f/#):</b><br>f/5.6                                                                                                   |
| <b>Distortion (%):</b><br>-3.63 @ Full Field                                                                                      |
| <b>Back Focal Length BFL (mm):</b><br>8.8 - 8.6                                                                                   |
| <b>Coating Specification:</b><br>N4 MgF <sub>2</sub> @ 550nm                                                                      |
| <b>Entrance Pupil Position (mm):</b><br>5.04                                                                                      |
| <b>Horizontal Field of View, 1/4" Sensor:</b><br>69.8mm - 25.7°                                                                   |
| <b>Object Space Principal Plane (mm):</b><br>8.13                                                                                 |
| <b>Image Space Principal Plane (mm):</b><br>0.94                                                                                  |
| <b>Field of View at Max Sensor Format:</b><br>Horizontal: 92.8mm - 34.2°<br>Vertical: 68.9mm - 25.7°<br>Diagonal: 117.5mm - 42.6° |
| <b>IR Cut Filter:</b><br>No                                                                                                       |
| <b>Exit Pupil Position (mm):</b><br>-4.09                                                                                         |
| <b>Lens Wavelength Range:</b><br>VIS                                                                                              |

Regulatory Compliance

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