

TECHSPEC®

12mm f/8, 400-2000mm Primary WD, HRi Series Fixed Focal Length Lens



12mm FL HPI Series Fixed Focal Length Lens



Stock **#36-767** 3-4 DAYS

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**£709.75**

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**Iris Option:**  
Fixed

**Length (mm):**  
39.20

**Horizontal Field of View, 1/2" Sensor:**  
64.2mm - 30.7°

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

|                                                                                                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------|
| 89.3mm - 41.7°                                                                                                                    |
| <b>Filter Thread:</b><br>M30.5 x0.50 (Female)                                                                                     |
| <b>Maximum Diameter (mm):</b><br>33                                                                                               |
| <b>Weight (g):</b><br>57                                                                                                          |
| <b>Horizontal Field of View, 1/3" Sensor:</b><br>47.9mm - 23.1°                                                                   |
| <b>Maximum Rear Protrusion (mm):</b><br>1.63                                                                                      |
| <b>Maximum Image Circle (mm):</b><br>11.00                                                                                        |
| <b>Numerical Aperture NA, Object Side:</b><br>0.0062                                                                              |
| <b>Horizontal Field of View @ Max Sensor Format:</b><br>89.3mm - 41.7°                                                            |
| <b>Number of Elements (Groups):</b><br>10 (6)                                                                                     |
| <b>Horizontal Field of View, 1/1.8" Sensor:</b><br>72.5mm - 34.4°                                                                 |
| <b>Horizontal Field of View, 1/2.5" Sensor:</b><br>58.0mm - 27.9°                                                                 |
| <b>Type:</b><br>Fixed Focal Length Lens                                                                                           |
| <b>Focal Length FL (mm):</b><br>12.00                                                                                             |
| <b>Primary Magnification PMAG:</b><br>0.101                                                                                       |
| <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/8                                                                                                     |
| <b>Coating:</b><br>425 - 675nm BBAR                                                                                               |
| <b>Coating Specification:</b><br>425 - 675nm BBAR                                                                                 |
| <b>Entrance Pupil Position (mm):</b><br>17.52                                                                                     |
| <b>Horizontal Field of View, 1/4" Sensor:</b><br>35.8mm - 17.4°                                                                   |
| <b>Object Space Principal Plane (mm):</b><br>26.27                                                                                |
| <b>Image Space Principal Plane (mm):</b><br>2.90                                                                                  |
| <b>Field of View at Max Sensor Format:</b><br>Horizontal: 89.3mm - 41.7°<br>Vertical: 66.3mm - 31.6°<br>Diagonal: 113.1mm - 51.4° |
| <b>Maximum Distortion (%):</b><br>-3.26                                                                                           |
| <b>Exit Pupil Position (mm):</b><br>-30.86                                                                                        |
| <b>Optimized Working Distance (mm):</b><br>400 - 2000                                                                             |
| <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> |