

TECHSPEC® 35mm, 400-2000mm Primary WD, HR Series Fixed Focal Length Lens



35mm Focal Length



Stock #85-869 3-5 DAYS

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Iris Option:  
Variable

Length (mm):  
43.70

Horizontal Field of View, 1/2" Sensor:  
19.5mm - 10.4°

Horizontal Field of View, 2/3" Sensor:  
26.84mm - 14.3°

|                                                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------|
| <b>Filter Thread:</b><br>M25.5 x0.50 (Female)                                                                                    |
| <b>Maximum Diameter (mm):</b><br>38                                                                                              |
| <b>Weight (g):</b><br>108                                                                                                        |
| <b>Horizontal Field of View, 1/3" Sensor:</b><br>14.6mm - 7.8°                                                                   |
| <b>Maximum Rear Protrusion (mm):</b><br>0.7                                                                                      |
| <b>Maximum Image Circle (mm):</b><br>11.00                                                                                       |
| <b>Numerical Aperture NA, Object Side:</b><br>0.0772                                                                             |
| <b>Horizontal Field of View @ Max Sensor Format:</b><br>26.84mm - 14.3°                                                          |
| <b>Number of Elements (Groups):</b><br>8 (5)                                                                                     |
| <b>Horizontal Field of View, 1/1.8" Sensor:</b><br>21.9mm - 11.69°                                                               |
| <b>Horizontal Field of View, 1/2.5" Sensor:</b><br>17.3mm - 9.3°                                                                 |
| <b>Type:</b><br>Fixed Focal Length Lens                                                                                          |
| <b>Focal Length FL (mm):</b><br>35.00                                                                                            |
| <b>Primary Magnification PMAG:</b><br>0.323                                                                                      |
| <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 - f/16                                                                                           |
| <b>Coating:</b><br>425 - 675nm BBAR                                                                                              |
| <b>Coating Specification:</b><br>425 - 675nm BBAR                                                                                |
| <b>Entrance Pupil Position (mm):</b><br>23.68                                                                                    |
| <b>Horizontal Field of View, 1/4" Sensor:</b><br>10.9mm - 5.9°                                                                   |
| <b>Object Space Principal Plane (mm):</b><br>41.43                                                                               |
| <b>Image Space Principal Plane (mm):</b><br>-21.33                                                                               |
| <b>Field of View at Max Sensor Format:</b><br>Horizontal: 27.5mm - 14.3°<br>Vertical: 20.5mm - 10.7°<br>Diagonal: 34.5mm - 17.8° |
| <b>Maximum Distortion (%):</b><br>-0.02                                                                                          |
| <b>Exit Pupil Position (mm):</b><br>-57.17                                                                                       |
| <b>Optimized Working Distance (mm):</b><br>400 - 2000                                                                            |
| <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>             |
| <b>REACH 201:</b><br><a href="#">Compliant</a>             |
| <b>Certificate of Conformance:</b><br><a href="#">View</a> |

