Optimo 19.5-94
Wide Angle Zoom with Large Imaging Size

Specifications

- Zoom ratio: 4.7x
- Focal Length: 19.5 - 94 mm
- Aperture: f/2.4 – T2.6
- Close Focus: 2 ft 0.5 in - 0.62m
- Internal Focus: Yes
- Image coverage: S35+: 31.4 mm diagonal
- Weight (approx.): 12.3 lbs – 5.6 kg
- Length: 335 mm (PL) 330 mm (Panavision)
- Front diameter: 136 mm

Main Features

- Enhanced version of the former Optimo 17-80 with larger image circle and longer focal length
- Ideal companion to the industry reference Optimo 12x zooms
- Superb image quality from T2.6 open aperture
- Perfect homogeneity of color, contrast and resolution
- Low distortion. No ramping, minimal breathing
- Internal focus, internal zoom constant lens volume
- Precise and ergonomic focus ring with scale rotation of 329 degrees and over 50 focus witness marks
- Interchangeable focus scale ring from feet to meters
- Robust zoom / focus mechanism
- Sophisticated yet robust focusing architecture offers close focus of 2ft 0.5 in - 0.62m
- Adapted to extreme production environments (passive athermalisation from -20°C to +40°C)
- Compatible with Optimo 1.4x and 2x extenders
  - 27 - 131 mm T3.7 (with 1.4x)
  - 39 - 188 mm T5.2 (with 2x)
- Image coverage S35+ (31.4 mm diagonal), expanded to 35mm diagonal when used with extenders
- PL mount lens. interchangeable to PV mount by factory trained engineers

Available accessories

- PV mount
- Extenders or Format Adapters 1.4x & 2x

Field of view for 35 mm Academy (21.95x16 mm, 27 mm diagonal)

<table>
<thead>
<tr>
<th>Focal Length</th>
<th>19.5 mm</th>
<th>94 mm</th>
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<tbody>
<tr>
<td>Horizontal angular field of view</td>
<td>58.2°</td>
<td>13.4°</td>
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<tr>
<td>Object dimensions at MOD (mm)</td>
<td>344x246</td>
<td>73x54</td>
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