Objective Specifications

<table>
<thead>
<tr>
<th>Objective</th>
<th>Numerical Aperture</th>
<th>Working Distance (mm)</th>
<th>Field of View (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>20x, Dry</td>
<td>0.40</td>
<td>1.82</td>
<td>0.84</td>
</tr>
<tr>
<td>40x, Dry</td>
<td>0.65</td>
<td>0.51</td>
<td>0.44</td>
</tr>
<tr>
<td>60x, Oil</td>
<td>1.00</td>
<td>0.42</td>
<td>0.27</td>
</tr>
<tr>
<td>100x, Oil</td>
<td>1.25</td>
<td>0.36</td>
<td>0.16</td>
</tr>
</tbody>
</table>

Electrical Specifications
(LED Light Source)

- **Input**: 4-24 VDC; 0.7-2.5 Amps
- **Center Positive DC Power Connector**
- **Compliance**: EU MDD 93/42/EEC

(Power Pack)

- **Input**: 100-240 VAC; 47-63 Hz, 0.4 A
- **Output**: 9 VDC, 1.4 A
- **Power Cord**: 6 ft. (1.8 m); International Adapters Included
- **Compliance**: UL, CE

Light Specifications
(LED Light Source)

- **Power**: 48 lm
- **Wavelength**: ~410-511 nm

(ParaLens Advance System, through objective)

- **Wavelength**: ~410-480 nm

General Specifications

- **Parfocal Length**: 45 mm
- **Thread Type**: Standard RMS

(ParaLens Advance with 20x/40x, 60x or 100x objectives, in case)

- **Dimensions**: W 12” x D 3.9” x H 8.3”
  (30.5 cm x 9.9 cm x 21.1 cm)
- **Weight**: 3.1 lb (1.41 kg)
- **Part Numbers**:
  424330 (ParaLens Advance w/ 20x and 40x Objectives)
  424331 (ParaLens Advance w/ 60x Objective)
  424332 (ParaLens Advance w/ 100x Objective)

(ParaLens Advance Complete Fluorescence System with Portability Pack, in case)

- **Dimensions**: W 18.5” x D 4.8” x H 15”
  (47.0 cm x 12.2 cm x 38.1 cm)
- **Weight**: 7.7 lb (3.48 kg)
- **Part Numbers**: 424333 (ParaLens Advance Complete Fluorescence System with Portability Pack)