VISERA ELITE XENON LIGHT SOURCE

CLV-S190

High-intensity 300 watt light source to drive HDTV and NBI (Narrow Band Imaging)
Main Features

- Equipped with specially coated filters for NBI (Narrow Band Imaging).
- Equipped with specially coated filters for PDD (Photo Dynamic Diagnosis).
- Automatically adjusts light intensity to achieve ideal illumination for observation.
- Powerful 300-watt xenon lamp.
- Backlit front panel indicators and controls improve operability.
- Automatic switching to emergency lamp.

Specifications

<table>
<thead>
<tr>
<th>Power Supply</th>
<th>Voltage</th>
<th>100 – 240 V AC; within ±10%</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Frequency</td>
<td>50/60 Hz; within ±3 Hz</td>
</tr>
<tr>
<td></td>
<td>Consumption electric power</td>
<td>500 VA</td>
</tr>
<tr>
<td>Size</td>
<td>Dimensions (W x H x D)</td>
<td>370 x 150 x 474 mm (standard)</td>
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<tr>
<td></td>
<td></td>
<td>383 x 162 x 536 mm (maximum)</td>
</tr>
<tr>
<td></td>
<td>Weight</td>
<td>14.9 kg</td>
</tr>
<tr>
<td>Illumination</td>
<td>Examination lamp</td>
<td>Xenon short-arc lamp (ozone-free) 300 W</td>
</tr>
<tr>
<td></td>
<td>Average lamp life</td>
<td>Approximately 500 hours of continuous use (With intermittent use, the lamp life may vary slightly.)</td>
</tr>
<tr>
<td></td>
<td>Ignition method</td>
<td>Switching regulator</td>
</tr>
<tr>
<td></td>
<td>Brightness adjustment</td>
<td>Light-path diaphragm control</td>
</tr>
<tr>
<td></td>
<td>Cooling</td>
<td>Forced-air cooling</td>
</tr>
<tr>
<td></td>
<td>Intensity mode</td>
<td>Normal or high intensity</td>
</tr>
<tr>
<td></td>
<td>NBI observation</td>
<td>Available</td>
</tr>
<tr>
<td></td>
<td>PDD observation</td>
<td>Possible using special-purpose filter</td>
</tr>
<tr>
<td></td>
<td>Color conversion</td>
<td>Possible using special-purpose filter</td>
</tr>
<tr>
<td></td>
<td>Emergency lamp</td>
<td>Halogen lamp (within mirror) 12 V 35 W</td>
</tr>
<tr>
<td></td>
<td>Average emergency lamp life</td>
<td>Approximately 500 hours</td>
</tr>
<tr>
<td>Automatic</td>
<td>Automatic brightness control method</td>
<td>Servo-diaphragm method</td>
</tr>
<tr>
<td>Brightness Control</td>
<td>Automatic exposure</td>
<td>17 steps</td>
</tr>
<tr>
<td>Indicators on</td>
<td>Emergency lamp</td>
<td>Indicates absence of emergency lamp, disconnection and use of emergency lamp</td>
</tr>
<tr>
<td>Front Panel</td>
<td>NBI</td>
<td>When the NBI observation is enabled, the NBI indicator lights up</td>
</tr>
<tr>
<td></td>
<td>PDD</td>
<td>When the PDD observation is enabled, the OP indicator lights up</td>
</tr>
<tr>
<td></td>
<td>OP.1</td>
<td>It lights up if a special-purpose filter is installed into the light source</td>
</tr>
<tr>
<td>Setting Memory</td>
<td>Settings (except filter setting) are stored even when the light source is OFF</td>
<td></td>
</tr>
<tr>
<td>Classification</td>
<td>Type of protection against electric shock</td>
<td>Class I</td>
</tr>
<tr>
<td>(medical electrical equipment)</td>
<td>Degree of protection against electric shock of applied part</td>
<td>Depend on applied part. See also applied part (Camera head or videoscope).</td>
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<tr>
<td></td>
<td>Degree of protection against explosion</td>
<td>This instrument should be kept away from flammable gases.</td>
</tr>
</tbody>
</table>

Specifications, design and accessories are subject to change without any notice or obligations on the part of the manufacturer.