<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Power</td>
<td>&gt; 3 W</td>
</tr>
<tr>
<td>Fundamental Pulsewidth</td>
<td>7 ps</td>
</tr>
<tr>
<td>Spectral Range</td>
<td>450-2400 nm</td>
</tr>
<tr>
<td>Repetition Rate</td>
<td>100 MHz</td>
</tr>
<tr>
<td>Full Spectrum Power Stability</td>
<td>&lt;0.5 % (std. dev.)</td>
</tr>
<tr>
<td>Output Polarization</td>
<td>Unpolarized</td>
</tr>
<tr>
<td>Output Fiber / Length</td>
<td>1.5 m</td>
</tr>
<tr>
<td>Optical Output</td>
<td>Collimated, Single-mode across full spectrum</td>
</tr>
<tr>
<td>Synchronization / Connections</td>
<td>Optical reference signal / Optical Trigger Signal</td>
</tr>
<tr>
<td>Beam Diameter</td>
<td>2.4 mm (1/e2 @ 1064 nm, 0.5 m from output) Customisation down to 1 mm</td>
</tr>
<tr>
<td>M2 Parameter</td>
<td>&lt;1.2</td>
</tr>
</tbody>
</table>

This product is a Class 4 laser.
## FYLA SCT High Power Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Half-angle Beam Divergence</td>
<td>0.032° (at 1064 nm)</td>
</tr>
<tr>
<td>Cooling</td>
<td>Integrated Peltier + air cooling</td>
</tr>
<tr>
<td>Power Requirements</td>
<td>220 V / 110V - 50/60 Hz</td>
</tr>
<tr>
<td>Display</td>
<td>N/A</td>
</tr>
<tr>
<td>Displayed Parameters (Controlled)</td>
<td>N/A</td>
</tr>
<tr>
<td>Control Modes</td>
<td>Remote (USB)</td>
</tr>
<tr>
<td>Operating Temperatures</td>
<td>15 - 30 Celsius</td>
</tr>
<tr>
<td>Storage Temperature</td>
<td>0 - 60 Celsius</td>
</tr>
<tr>
<td>Dimensions (mm)</td>
<td>436x560x151 (WxDxH)</td>
</tr>
<tr>
<td>Power by spectral band</td>
<td>450-750 nm &gt; 300 mW // 750-2400 nm &gt; 2.5 W</td>
</tr>
<tr>
<td>Security</td>
<td>This product is a Class 4 laser. Appropriate safety measures according to such laser class should be taken in its installation and use</td>
</tr>
</tbody>
</table>
Specifications are subject to change without notice.

**Optical Spectrum**

Approximate.

**Dimension in mm**