Our high power fiber-coupled multi-wavelength LED light sources are built on a modular LED platform that is configurable to the customer’s required spectral distribution. Possible configurations span the entire UV to NIR spectral range using a selection of discrete narrow band emitters. Our proprietary coupling method enables us to combine multiple LEDs in a fiber bundle to match the required output aperture size.

**OPTIONS**
- Integrated light mixing module
- Computer controlled via USB
- Custom fiber connection

**FEATURES**
- Light distribution management
- Broad wavelength range
- Tunable spectrum
- Spectral and spatial uniformity

**BENEFITS**
- Versatile light source
- Low operating costs
- No heat related problems
- Reduced system complexity
- Low maintenance
- Extended life duration

**APPLICATIONS**
- Solar simulation
- UV curing
- Biomedical instrumentation
- Spectroscopy instrumentation
- Fluorescence microscopy
- Industrial machine vision
- Optogenetics
- Photometry

---

Solar Spectrum

<table>
<thead>
<tr>
<th>Relative Intensity</th>
<th>0.1</th>
<th>1.1</th>
<th>2.1</th>
<th>3.1</th>
<th>4.1</th>
<th>5.1</th>
<th>6.1</th>
</tr>
</thead>
<tbody>
<tr>
<td>300</td>
<td>0</td>
<td>0.4</td>
<td>0.8</td>
<td>1.2</td>
<td>1.6</td>
<td>1.8</td>
<td></td>
</tr>
<tr>
<td>400</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>500</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>600</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>700</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>800</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>900</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

© May 2016 FiberTech Optica Inc. All rights reserved. No reproduction is permitted without prior authorization.