FireLine™ FL200

*Product Brief*

Phoseon Technology is the world leader in developing UV LED based curing systems. Phoseon’s patented Semiconductor Light Matrix (SLM)™ technology encapsulates LEDs, arrays, optics and cooling to maximize curing performance. The FireLine FL200 consists of UV light source, controller, and cables.

### High Performance

20W/cm² irradiance with angle reduction optics and Ethernet technology

### Easy Integration

Small form-factor for space challenged environments

### Scalable

Place light sources side-to-side to cover larger areas

### Application Markets

- **Tubes & Containers**
- **Bottles**
- **Cylindrical Objects**
- **Digital Inkjet**

[www.phoseon.com](http://www.phoseon.com)
Light Source

<table>
<thead>
<tr>
<th>Specifications</th>
<th>385, 395nm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Peak Irradiance</td>
<td>20W/cm²</td>
</tr>
<tr>
<td>Emitting Window (mm)</td>
<td>75x10 125x10</td>
</tr>
<tr>
<td>48V Power In (Typical)</td>
<td>400W 8.4A 675W 14A</td>
</tr>
<tr>
<td>48V Power In (Max)</td>
<td>480W 10.0A 805W 16.8A</td>
</tr>
<tr>
<td>Chiller/Cooler Capacity</td>
<td>360W 540W</td>
</tr>
<tr>
<td>Chiller/Cooler Flow Rate</td>
<td>2LPM 2LPM</td>
</tr>
<tr>
<td>Pressure Drop (Typical)</td>
<td>0.002 Bar 0.002 Bar 0.03 psi 0.03 psi</td>
</tr>
</tbody>
</table>

Controller

- Individual control for up to 4 light sources
- Digital control and monitoring (Ethernet)
- Analog control
- DIN rail mounting
- Controller to light source(s): 20m (max)
- Single water in/out: up to 500mm
- Scalable light source
- Removable water fittings