

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

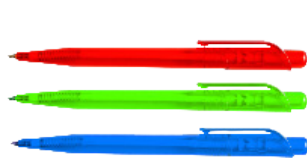
Application Markets



Tubes & Containers



Bottles



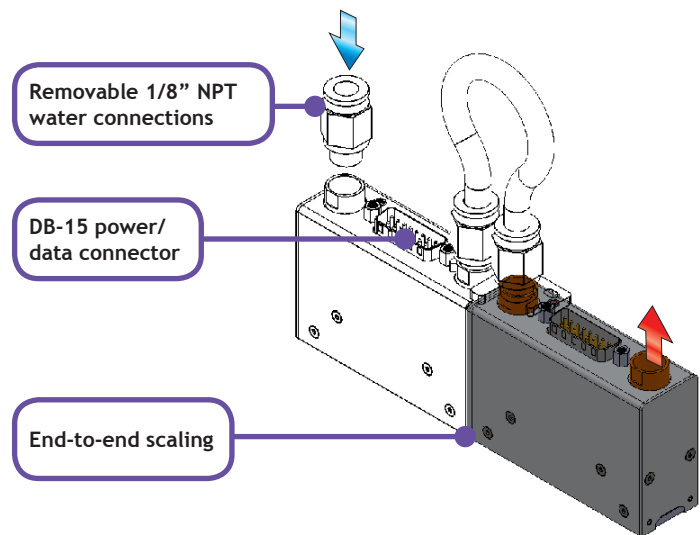
Cylindrical Objects



Digital Inkjet

Light Source

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



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

